

2699  
\$

PATENT

In re Application of:

**John C. Harvey and James W. Cuddihy:**

Group Art Unit: 2699

2664

Serial No.: 08/466,894

Examiner: FAILE, A.

Filed: June 6, 1995

Atty. Docket: 05634.0276

For: **SIGNAL PROCESSING APPARATUS  
AND METHODS**

**TRANSMITTAL LETTER**

**RECEIVED**

**MAR 22 2002**

Assistant Commissioner of Patents  
Washington, D.C. 20231

**Technology Center 2600**

- [X] Information Disclosure Statement;  
[X] PTO FORM 1449  
[X] A fee of \$180.00 is required, and is calculated as shown below:

	(Col 1) Claims Remaining After Amendment		(Col 2) Highest No. Previously Paid for	(Col 3) Present Extra	Rate	Additional Fee
Total	*	Minus	**	=0	x \$ 18.00	\$0.00
Indep.	*	Minus	***	=0	x \$ 78.00	\$0.00
First Presentation of Mult. Dep. Claim					x \$ 260.00	\$0.00
<b>Fee under 37 C.F.R. § 1.17(p).</b>						<b>\$180.00</b>
<b>Total Fee Enclosed</b>						<b>\$180.00</b>

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" in this space is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" in this space is less than 3, write "3" in this space. "The Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

[X] **HUNTON & WILLIAMS** check no. 2050777 in the amount of \$180.00 is enclosed.

[X] The Commissioner is hereby authorized to charge any additional fees, or credit any overpayment to Deposit Account No. 50-0206.

- [x] Any filing fees under 37 CFR 1.16 for the presentation of extra claims.  
[x] Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

*Donald J. Lecher*

Thomas J. Scott, Jr.

Reg. No. 27,836

Donald J. Lecher

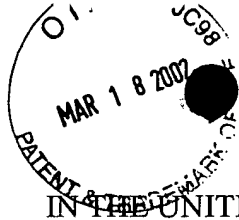
Reg. No. 41,933

Attorneys for Applicants

Tel: (202) 955-1938

Date: March 18, 2002  
**HUNTON & WILLIAMS**  
1900 K Street, N.W.  
12<sup>th</sup> Floor  
Washington, D.C. 20006

E H



PTO Serial No. 08/466,894  
Docket No. 5634.0276

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#22  
4-26-02  
NP

Applicants : John C. Harvey and  
James W. Cuddihy

Serial No. : 08/466,894

Docket No. : 5634.0276

Filed : June 6, 1995

For : SIGNAL PROCESSING APPARATUS AND METHODS

Group Art Unit : 2699

Examiner : FAILE, A.

RECEIVED

MAR 22 2002

Technology Center 2600

**Box: FEE-AMENDMENT**  
Commissioner for Patents  
Washington, D.C. 20231

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, Applicants respectfully request consideration of the references listed on the attached Form PTO-1449.

Applicants respectfully request that the Examiner consider the references cited on the PTO-1449 and that the Examiner indicate that the references have been considered in this application by returning a copy of the Form PTO-1449 with the Examiner's initials in the left column per M.P.E.P. § 609.

**I. Description of the References**

The references identified in this Supplemental Information Disclosure Statement ("Supplemental IDS") can be grouped into three categories. *First*, there are references identified in this Supplemental IDS that were cited to the PTO in connection with related applications, but were not cited in the instant application due to applicants' asserted

priority date of November 3, 1981. Applicants are now citing these references because the Examiner has challenged applicants' November 3, 1981 priority date. Applicants maintain, however, that this application is entitled to the benefit of the challenged November 3, 1981 filing date.

*Second*, applicants have identified in this Supplemental IDS references made of record in applicants' related applications that have not previously been made of record in the instant case.

*Third*, this Supplemental IDS identifies two new references that have not previously been identified in this application or any other related applications to date. These two new references are Japanese references that came to applicants' attention during the prosecution of applicants' applications pending in Japan. These new references are: JP 59-224988 and JP 61-174889.

## **II. Description of Corrections**

In the course of preparing this Supplemental IDS applicants identified a number of miscellaneous inadvertent clerical errors contained in previously filed information disclosure statements. Applicants have corrected any such inadvertent errors with respect to references that are identified in this Supplemental IDS. With respect to inadvertent errors that occurred in information disclosure statements previously filed in this application applicants' identify and correct such inadvertent errors as follows:

- In the May 11, 2001 Information Disclosure Statement, the foreign patent reference previously identified as JP 59-50134 is correctly identified as JP 59-501340. Also in the May 11, 2001 Information Disclosure Statement, the foreign patent reference FR 79-03351 identifies the French application

number. The correct identification of this reference is publication number FR 2,417,226.

- With respect to foreign patent references in various information disclosure statements, information regarding the publication dates of these references may not have been supplied or may have been incorrectly identified. Additionally, applicants made inadvertent errors with respect to the provision of translations for certain foreign language references. A corrected complete list of all foreign references made of record in applicants' related pending applications is identified in Appendix A.
- In the concise explanation previously provided for foreign reference DE 2,338,330, this reference was misidentified. The correct patent number for this German reference is DE 2,338,380.

### **III. Concise Explanations of Foreign Language References**

Applicants unintentionally may not have provided concise explanations for certain previously identified foreign language references. Concise explanations for these references are provided in Appendix B. Additionally, in Appendix B applicants provide concise explanations for the two new Japanese references cited for the first time in this Supplemental IDS.

Applicants' submission of Appendix B meets the requirements regarding a concise explanation of foreign references as set forth in 37 CFR 1.98 and M.P.E.P. § 609.

#### IV. Conclusion

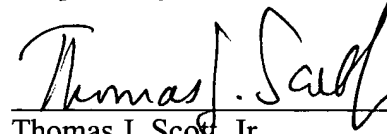
Pursuant to an agreement reached between the Examiner and applicants (see the first Office Action issued in this application), applicants are not submitting copies of the references cited in this Supplemental IDS because applicants have previously provided copies of all of the references cited herein in related applications.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance. 37 C.F.R. § 1.97(c).

Submitted herewith is a check in the amount of \$180.00 to cover the fee for filing this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.17(p). Any deficiency in or overpayment of this fee should be charged or credited to Deposit Account No. 50-0206.

Date: March 18, 2002  
**HUNTON & WILLIAMS**  
1900 K Street, N.W.  
Washington, DC 20006

Respectfully submitted,



Thomas J. Scott, Jr.  
Reg. No. 27,836  
Tel.: (202) 955-1685  
Fax: (202) 778-2201

# APPENDIX A

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION NO	YES
20,242	12/10/80	EPO	G09G 1/16	X	
46,108	02/17/82	EPO	H04N 5/76	X	
49,184	04/07/82	EPO	G09B 7/08	X	
53,984**		Japan		X	
55,167	06/30/82	EPO	G09G 1/16	X	
55,674	07/07/82	EPO	07/07/82		
56,649	07/28/82	EPO	H04N 5/44		
481,565	04/29/76	Australia			
77,712	04/27/83	EPO	H04N 7/00	X	
78,185	05/04/83	EPO	H04N 7/00	X	
103,438	03/21/84	EPO	H04N 7/10		
128,481	12/19/84	EPO	H04N 7/00		
132,007	01/23/85	EPO	H04N 7/16		
133,985	03/13/85	EPO	H 04 N 7/087		
152,251	08/21/85	EPO	H04H 1/2		
187,417	07/16/86	EPO	H04 N 7/087		
206,821	12/30/86	EPO	H04N 7/00		
217,308	04/08/87	EPO	H04M 11/00		
857,862	1/4/61	Great Britain	40 (1)		
959,274	05/27/64	Great Britain			
1,066,931	04/26/67	Great Britain	G 07c		
1,189,612	06/25/85	Canada	Ho4n 7/08		
1,204,190	09/03/70	Great Britain			
1,213,357	11/25/70	Great Britain			
1,216,977	01/20/87	Canada	HO4M 11/00		
1,370,535	10/16/74	Great Britain	GO9G1/16		
1,396,981	06/11/75	Great Britain	H04H 1/00		
1,515,309	06/21/78	Great Britain	G06 K 15/20		
1,523,307	08/31/78	Great Britain	H03K 5/08		
1,543,502	04/04/79	Great Britain	G08B9/00		
1,554,411	10/17/79	Great Britain	H04b 3/54		
1,556,366	11/21/79	Great Britain			
1,582,563	01/14/81	Great Britain	G08B9/00		
1,584,111	02/04/81	Great Britain	G08B9/00		
2,016,874	02/01/79	Great Britain			
2,033,699	05/21/80	Great Britain	H04L 1/10, 1/40		
2,034,995	06/11/80	Great Britain	H03J 7/18, 5/00		

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION NO	YES
2,051,527	01/14/81	Great Britain	G06F 3/153		
2,058,681	06/15/72	Germany	H04N 7/08	X	
2,067,379	07/22/81	Great Britain	H04L 1/24		
2,081,948	02/24/82	Great Britain	H04Q 9/00		
2,090,504	07/07/82	Great Britain	H04N 3/16		
2,103,455	02/16/83	Great Britain	H04N 1/00 7/12		
2,126,002	03/14/84	Great Britain	G11B 15/02		
2,140,963	12/05/84	Great Britain			
2,141,897	01/03/85	Great Britain	H04N 7/16		
2,164,229	03/12/86	Great Britain			
2,167,917	06/04/86	Great Britain			
2,185,670	07/22/87	Great Britain	H04N 7/087		
2,338,380	02/13/75	Germany		X	
2,356,969	05/22/75	Germany			X
2,417,226	02/01/79	France		X	
2,453,441	05/13/76	Germany	H04L 9/00	X	
2,496,376	06/18/82	France	H04N 7/00	X	
2,516,733	05/05/83	France	H04N 7/00	X	
2,550,624	05/26/77	Germany		X	
2,823,175	11/29/79	Germany	G06F 3/12	X	
2,831,014	04/03/80	Germany		X	
2,853,764	01/29/81	Germany		X	
2,904,891	08/16/79	Germany			X
2,918,846	11/13/80	Germany	F26B 12/02		X
3,020,787	12/17/81	Germany	H04N 7/08	X	
3,039,949	05/06/82	Germany	H04M 3/42	X	
3,112,249	10/07/82	Germany	G09G 1/28	X	
3,143,627	05/11/83	Germany			X
3,337,204	04/25/85	Germany	H04N 5/44	X	
53-068124	06/17/78	Japan			X
53-11515	02/02/78	Japan		X	
53-121420	10/23/78	Japan		X	
55-028691	02/29/80	Japan			X
55-26792	02/26/80	Japan		X	
55-49084	04/08/80	Japan			X
55-500886	10/30/80	Japan		X	
55-79585	06/16/80	Japan		X	
56-47179	04/28/81	Japan			X
56-51161	05/08/81	Japan			X
57-199377	12/07/82	Japan			X
58-156279	09/17/83	Japan		X	

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION NO YES	
58-209276	12/06/83	Japan			X
59-154886	09/03/84	Japan			X
59-160387	09/11/84	Japan	H04N 7/10		X
59-224988	12/17/84	Japan			X
59-501340	03/23/84	Japan		X	
60-123182	07/01/85	Japan			X
60-146587	08/02/85	Japan		X	
60-149281	08/06/85	Japan		X	
60-256289	12/17/85	Japan	H04N 7/173		X
60-61935	04/09/85	Japan	G11B15/02	X	
61-148988	07/07/86	Japan	H04N 7/173		X
61-174889	08/06/86	Japan		X	
61-20441	01/29/86	Japan		X	
61-267474	11/27/86	Japan		X	
61-50470	03/12/86	Japan	H04N 5/44	X	
PL 204,525	02/09/78	Poland		X	
WO 80/00292	02/21/80	PCT Appl.	H04N9/16	X	
WO 80/02093	10/02/80	PCT Appl.	H04B 1/20		
WO 80/02901	12/24/80	PCT Appl.	H04N 7/16	X	
WO 81/02961	10/15/81	PCT Appl.	H04N 7/16, 7/04		
WO 83/00789	03/03/83	PCT Appl.	H04N 7/08	X	
WO 85/03604	08/15/85	PCT Appl.	H03K 3/84		
WO 85/03830	08/29/85	PCT Appl.	H04N 7/16		
WO 87/04884	08/13/87	PCT Appl.	H04M 11/08		

\*\* Japanese reference 53,984 to Jinno was cited by the Examiner in Application No. 08/470,447. The Examiner did not supply a publication date and applicants have been unable to determine a publication date for this reference.



**APPENDIX B**

**Concise Explanations for Foreign References**

**JP 61-174889            August 6, 1986            Japan**

Foreign language patent JP 61-174889 came to applicants' attention during the prosecution of applicants' applications pending in Japan.

**FR 2,417,226            February 1, 1979            France**  
**PL 204,525            February 9, 1978            Poland**

The French reference 2,417,226 and Polish reference PL 204,525 are both applications filed by Zaboklicki. The PTO has cited the German application filed by Zaboklicki which claims priority to the Polish Zaboklicki application. Translations of the German Zaboklicki application have been provided to the Examiner.

**DE 2,831,014            April 3, 1980            Germany**

The German reference DE 2,831,014 was applied by the Examiner in the September 4, 2001 Office Action in Application No. 08/487,526.

**JP 55-26792            February 26, 1980            Japan**

The Japanese reference JP 55-26792 was applied by the Examiner in the August 27, 2001 Office Action in Application No. 08/470,571.

**WO 80/02901            December 24, 1980            France**

The WO 80/02901 reference discloses a television system with a double key encryption service for subscription television.

**DE 3,337,204            April 3, 1980            Germany**

German reference DE 3,337,204 discloses a viewer interactive program schedule.

The following Japanese references were identified on applicants' on May 11, 2001 IDS, but explanations were unintentionally not provided. All of these applications came to applicants' attention during the prosecution of applicants' applications pending in Japan.

<b>JP 53-11515</b>	<b>February 2, 1978</b>	<b>Japan</b>
<b>JP 53-121420</b>	<b>October 23, 1978</b>	<b>Japan</b>
<b>JP 55-500886</b>	<b>October 30, 1980</b>	<b>Japan</b>
<b>JP 59-501340</b>	<b>March 23, 1984</b>	<b>Japan</b>
<b>JP 60-146587</b>	<b>September 2, 1985</b>	<b>Japan</b>
<b>JP 61-20441</b>	<b>January 29, 1986</b>	<b>Japan</b>
<b>JP 61-267474</b>	<b>November 27, 1986</b>	<b>Japan</b>

The following references were cited on PTO form 892 by the Examiners in applicants related pending applications.

<b>JP 58-156279</b>	<b>September 17, 1983</b>	<b>Japan</b>
<b>JP 55-79585</b>	<b>June 16, 1980</b>	<b>Japan</b>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <b>CITATION FORM</b>	Attorney Docket No.	Serial No.
	05634.00276	08/466,894
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 6, 1995	Group Art Unit 2699

**UNITED STATES PATENT DOCUMENTS**

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	1,992,271	02/26/35	Williams		09/17/31
	2,046,381	07/07/36	Hicks et al.	12/10/30	
	2,192,217	03/05/40	Bellamy, et al.	07/15/29	
	2,217,881	10/15/40	Allen		02/18/32
	2,236,077	03/25/41	Smith		05/29/30
	2,264,563	12/02/41	Bumstead		01/02/32
	2,570,209	10/09/51	Cotsworth, III	05/01/48	
	2,855,993	10/14/58	Rahmel	358/84	03/19/54
	2,995,624	08/08/61	Watters		03/11/59
	3,011,153	11/28/61	Haselton et al.	05/23/56	
	3,029,308	04/10/62	Adler et al.	09/22/58	
	3,082,402	03/19/63	Scantlin		05/10/60
	3,366,731	01/30/68	Wallerstein	08/11/67	
	3,612,752	10/12/71	Banning, Jr.	178/5.1	06/22/66
	3,764,983	10/09/73	Stok	340/150	05/03/72
	3,778,058	12/11/73	Rausch	463/3	06/17/71
	3,778,721	12/11/73	Moran	325/396	09/08/72
	4,035,838	07/12/77	Bassani et al.	358/86	03/16/76
	4,059,729	11/22/77	Eddy et al.	179/15 BF	06/09/76
	4,061,879	12/06/77	Wintzer	179/15 BA	09/29/75
	4,135,156	01/16/79	Sanders, Jr. et al.	325/4	06/20/74
	4,162,483	07/24/79	Entenman	340/147 R	04/01/77
	4,225,918	09/30/80	Beadle et al.	364/200	03/09/77
	4,319,353	03/09/82	Alvarez, III et al.	370/104	02/29/80
	4,338,643	07/06/82	Tadokoro	360/135	
	4,365,249	12/21/82	Tabata	340/825.3	09/29/80
	4,369,333	01/18/83	Gemperle et al.	178/22.13	
	4,380,027	04/12/83	Leventer et al.	358/147	12/08/80
	4,383,273	05/10/83	Lunn	348/725	12/29/80
	4,386,416	05/31/83	Giltner et al.	364/900	06/02/80
	4,402,009	08/30/83	Rathjens et al.	358/125	04/08/81
	4,405,946	09/20/83	Knight	358/192.1	
	4,410,911	10/18/83	Field et al.	358/121	
	4,412,244	10/25/83	Shanley, II	358/22	
	4,414,516	11/08/83	Howard	333/21A	
	4,425,664	01/10/84	Sherman et al.	375/8	
	4,426,698	01/17/84	Pargee, Jr.	371/37	08/24/81
	4,429,385	01/31/84	Cichelli et al.	370/92	

**RECEIVED**

MAR 2 2002

Technology Center 2600

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,433,211	02/21/84	McCalmont et al.	179/1.5 S	
	4,439,785	03/27/84	Leonard	358/120	
	4,449,249	05/15/84	Price	455/45	
	4,450,442	05/22/84	Tanaka	340/814	
	4,450,477	05/22/84	Lovett	358/86	
	4,451,700	05/29/84	Kempner et al.	179/2 AS	
	4,454,543	06/12/84	Lund et al.	358/118	
	4,454,594	06/12/84	Heffron et al.	364/900	
	4,456,925	06/26/84	Skerlos et al.	358/85	
	4,458,109	07/03/84	Mueller-Schloer	178/22.11	
	4,458,268	07/03/84	Ciciora	358/120	
	4,458,315	07/03/84	Uchenick	364/200	
	4,460,922	07/17/84	Ensinger et al.	358/122	
	4,461,032	07/17/84	Skerlos	455/4	
	4,462,076	07/24/84	Smith, III	364/200	
	4,462,078	07/24/84	Ross	364/300	
	4,475,153	10/02/84	Kihara et al.	364/145	
	4,475,189	10/02/84	Herr et al.	370/62	
	4,476,573	10/09/84	Duckeck	455/45	
	4,477,830	10/16/84	Lindman et al.	358/1	
	4,484,027	11/20/84	Lee et al.	178/22.13	
	4,484,217	11/20/84	Block et al.	358/84	
	4,486,773	12/04/84	Okubo	358/84	
	4,488,289	12/11/84	Turner	370/60	
	4,489,220	12/18/84	Oliver	179/2 AM	
	4,491,945	01/01/85	Turner	370/60	
	4,494,142	01/15/85	Mistry	358/118	
	4,494,156	01/15/85	Kadison et al.	360/48	
	4,494,230	01/15/85	Turner	370/60	
	4,495,623	01/22/85	George et al.	371/38	09/02/82
	4,495,654	01/22/85	Deiss	455/151	
	4,496,171	01/29/85	Cherry	283/61	
	4,496,975	01/29/85	Noirel	358/147	
	4,496,976	01/29/85	Swanson et al.	358/147	
	4,498,098	02/05/85	Stell	358/22	
	4,503,287	03/05/85	Morris et al.	178/22.08	
	4,503,538	03/05/85	Fritz	371/28	
	4,507,680	03/26/85	Freeman	358/86	
	4,509,073	04/02/85	Baran et al.	358/86	
	4,510,623	04/09/85	Bonneau et al.	455/181	

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,512,011	04/16/85	Turner	370/60	
	4,513,324	04/23/85	Poetsch et al.	358/214	
	4,520,392	05/28/85	Cox et al.	358/147	
	4,520,404	05/28/85	Von Kohorn	358/335	
	4,521,806	06/04/85	Abraham	358/86	
	4,527,194	07/02/85	Sirazi	358/86	
	4,531,020	07/23/85	Wechselberger et al.	178/22.08	
	4,532,540	07/30/85	Wine	358/12	03/28/83
	4,532,547	07/30/85	Bennett	358/148	
	4,533,948	08/06/85	McNamara et al.	358/122	
	4,533,949	08/06/85	Fujimura et al.	358/122	
	4,535,355	08/13/85	Arn et al.	358/123	
	4,538,174	08/27/85	Gargini et al.	358/86	
	4,539,676	09/03/85	Lucas	370/60	
	4,540,849	09/10/85	Oliver	179/2 AM	
	4,543,616	09/24/85	Brooks	358/335	
	4,544,963	10/01/85	Jacoby et al.	360/40	
	4,546,382	10/08/85	McKenna et al.	358/84	
	4,546,387	10/08/85	Glaab	358/186	
	4,550,407	10/29/85	Couasnon et al.	371/29	
	4,553,252	11/12/85	Egendorf	377/15	
	4,554,418	11/19/85	Toy	179/2 DP	
	4,554,584	11/19/85	Elam et al.	358/165	
	4,558,464	12/10/85	O'Brien, Jr.	455/4	
	4,562,306	12/31/85	Chou et al.	178/22.08	
	4,562,465	12/31/85	Glaab	358/120	
	4,562,495	12/31/85	Bond et al.	360/78	
	4,563,702	01/07/86	Heller et al.	358/119	
	4,566,030	01/21/86	Nickerson et al.	358/84	
	4,566,034	01/21/86	Harger et al.	358/194.1	
	4,567,512	01/28/86	Abraham	358/86	
	4,570,930	02/18/86	Matheson	273/1 E	
	4,573,072	02/25/86	Freeman	358/86	
	4,573,151	02/25/86	Jotwani	370/56	
	4,574,305	03/04/86	Campbell et al.	358/86	
	4,575,750	03/11/86	Callahan	358/86	
	4,577,289	03/18/86	Comerford et al.	364/900	
	4,578,536	03/25/86	Oliver et al.	179/2 AM	
	4,578,718	03/25/86	Parker et al.	360/10.3	
	4,580,165	04/01/86	Patton et al.	358/148	

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,583,128	04/15/86	Anderson, Jr. et al.	358/302	
	4,584,641	04/22/86	Guglielmino	364/200	
	4,586,134	04/29/86	Norstedt	364/200	
	4,588,991	05/13/86	Atalla	340/825.31	
	4,589,064	05/13/86	Chiba et al.	364/200	
	4,590,516	05/20/86	Abraham	358/86	
	4,591,248	05/27/86	Freeman	352/133	
	4,591,664	05/27/86	Freeman	179/6.06	
	4,591,906	05/27/86	Morales-Garza et al.	358/84	
	4,592,546	06/03/86	Fascenda et al.	273/1 E	
	4,593,376	06/03/86	Volk	364/900	
	4,594,609	07/10/86	Romao et al.	358/119	
	4,595,950	06/17/86	Löfberg	358/122	
	4,595,951	06/17/86	Filliman	358/147	
	4,595,952	06/17/86	Filliman	358/47	
	4,596,021	06/17/86	Carter et al.	375/5	
	4,597,058	06/24/86	Izumi et al.	364/900	
	4,599,611	07/08/86	Bowker et al.	340/721	
	4,599,647	07/08/86	George et al.	358/122	
	4,600,918	07/15/86	Belisomi et al.	340/711	
	4,600,921	07/15/86	Thomas	340/825.31	
	4,602,279	07/22/86	Freeman	358/86	
	4,603,232	07/29/86	Kurland et al.	179/2 AS	
	4,605,964	08/12/86	Chard	358/147	
	4,605,973	08/12/86	Von Kohorn	358/335	
	4,608,456	08/26/86	Paik et al.	179/1.5 S	
	4,613,901	09/23/86	Gilhousen et al.	358/122	
	4,614,972	09/30/86	Motsch et al.	358/147	
	4,616,262	10/07/86	Toriumi et al.	358/183	
	4,616,263	10/07/86	Eichelberger	358/185	
	4,620,224	10/28/86	Lee et al.	358/119	
	4,620,227	10/28/86	Levin et al.	358/147	
	4,620,229	10/28/86	Amano et al.	358/194.1	
	4,621,259	11/04/86	Schepers et al.	340/707	
	4,621,285	11/04/86	Schilling et al.	358/120	
	4,623,920	11/18/86	Dufresne et al.	358/122	01/20/83
	4,625,235	11/25/86	Watson	358/86	
	4,626,892	12/02/86	Nortrup et al.	358/21 R	
	4,626,909	12/02/86	Oniki et al.	358/114	
	4,630,108	12/16/86	Gomersall	358/84	

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,630,262	12/16/86	Callens et al.	370/81	
	4,633,297	12/30/96	Skerlos et al.	358/22	
	4,634,807	01/06/87	Chorley et al.	178/22.08	
	4,634,808	01/06/87	Moerder	178/22.14	
	4,635,121	01/06/87	Hoffman et al.	358/188	
	4,636,858	01/13/87	Hague et al.	358/147	
	4,638,181	01/20/87	Deiss	307/243	
	4,638,357	01/20/87	Heimbach	358/121	
	4,638,359	01/20/87	Watson	358/147	
	4,639,779	01/27/87	Greenberg	358/142	
	4,639,890	01/27/87	Heilveil et al.	364/900	
	4,641,205	02/03/87	Beyers, Jr.	360/33.1	
	4,641,253	02/03/87	Mastran	364/328	
	4,641,307	02/03/87	Russell	370/60	
	4,644,396	02/17/87	Iwasaki	380/6	05/24/85
	4,646,075	02/24/87	Andrews et al.	340/747	
	4,647,964	03/03/87	Weinblatt	358/84	
	4,649,533	03/10/87	Chorley et al.	370/58	
	4,656,629	04/07/87	Kondoh et al.	370/85	
	4,658,093	04/14/87	Hellman	380/25	
	4,658,290	04/14/87	McKenna	358/84	
	4,663,735	05/05/87	Novak et al.	364/900	
	4,677,434	06/30/87	Fascenda	380/23	
	4,677,466	06/30/87	Lert, Jr. et al.	358/84	
	4,677,611	06/30/87	Yanosy, Jr. et al.	370/85	
	4,680,581	07/14/87	Kozlik et al.	340/825.06	
	4,684,980	08/04/87	Rast et al.	358/86	
	4,685,056	08/04/87	Barnsdale, Jr. et al.	364/200	
	4,685,131	08/04/87	Horne	380/20	
	4,688,197	08/18/87	Novak et al.	365/230	
	4,688,247	08/18/87	Davidov	380/19	
	4,689,022	08/25/87	Peers et al.	434/307	
	4,689,619	08/25/87	O'Brien, Jr.	340/825.08	
	4,691,351	09/01/87	Hayashi et al.	380/10	
	4,692,817	09/08/87	Theis	360/12	
	4,692,819	09/08/87	Steele	360/72.1	
	4,694,490	09/15/87	Harvey et al.	380/20	
	4,694,491	09/15/87	Horne et al.	380/20	03/11/85
	4,695,953	09/22/87	Blair et al.	364/410	04/14/86
	4,696,034	09/22/87	Wiedemer	380/16	10/12/84
	4,697,281	09/29/87	O'Sullivan	379/59	03/14/86

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,701,794	10/20/87	Fröling et al.	358/147	04/12/85
	4,704,725	11/03/87	Harvey et al.	380/48	
	4,706,121	11/10/87	Young	358/142	05/06/86
	4,707,828	11/17/87	Yamada	370/85	09/10/85
	4,709,418	11/24/87	Fox et al.	455/612	09/14/83
	4,710,800	12/01/87	Fearing et al.	358/22	09/16/85
	4,710,919	12/01/87	Oliver et al.	370/96	
	4,710,955	12/01/87	Kauffman	380/10	11/25/85
	4,712,105	12/08/87	Köhler	340/825.69	04/30/85
	4,712,238	12/08/87	Gilhousen et al.	380/20	06/08/84
	4,712,239	12/08/87	Frezza et al.	380/20	06/16/86
	4,718,107	01/05/88	Hayes	455/4	
	4,720,819	01/19/88	Pinkham et al.	365/219	12/30/83
	4,722,526	02/02/88	Tovar et al.	273/1 E	01/20/87
	4,723,302	02/02/88	Fulmer et al.	455/2	
	4,724,491	02/09/88	Lambert	358/310	08/28/84
	4,728,949	03/01/88	Platte et al.	340/825.37	03/23/84
	4,731,679	03/15/88	O'Gwynn et al.	360/73	09/20/84
	4,733,301	03/22/88	Wright, Jr.	358/181	06/26/87
	4,734,764	03/29/88	Pocock et al.	358/86	05/06/85
	4,734,907	03/29/88	Turner	370/60	09/06/85
	4,736,422	04/05/88	Mason	380/120	
	4,737,993	04/12/88	DeVilbiss	455/180	01/21/87
	4,739,510	04/19/88	Jeffers et al.	380/15	04/02/87
	4,740,890	04/26/88	William	364/200	12/22/83
	4,745,468	05/17/88	Von Kohorn	358/84	03/10/86
	4,745,549	05/17/88	Hashimoto	364/402	06/06/86
	4,745,598	05/17/88	Ulug	370/89	11/27/85
	4,747,081	05/24/88	Heilveil et al.	365/219	12/30/83
	4,747,139	05/24/88	Taaffe	380/44	10/21/86
	4,748,560	05/31/88	Kataoka	364/200	10/11/85
	4,750,036	06/07/88	Martinez	358/147	05/14/86
	4,750,213	06/07/88	Novak	455/67	06/09/86
	4,751,578	06/14/88	Reiter et al.	358/183	05/28/85
	4,751,665	06/14/88	Cappello et al.	364/748	02/24/86
	4,751,732	06/14/88	Kamitake	380/20	
	4,754,326	06/28/88	Kram et al.	364/900	10/25/83
	4,755,871	07/05/88	Morales-Garza et al.	358/84	11/25/86
	4,755,883	07/05/88	Uehira	358/335	09/11/85
	4,761,646	08/02/88	Choquet et al.	340/825.520	05/20/86
	4,763,317	08/09/88	Lehman et al.	370/58	12/13/85
	4,768,087	08/30/88	Taub et al.	358/84	06/06/85
	4,768,110	08/30/88	Dunlap et al.	360/33.1	05/06/87
	4,768,144	08/30/88	Winter et al.	364/200	10/20/86
	4,768,228	08/30/88	Clupper et al.	380/20	09/11/87



EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,768,229	08/30/88	Benjamin et al.	380/20	
	4,771,456	09/13/88	Martin et al.	380/10	11/06/86
	4,775,935	10/04/88	Yourick	364/401	09/22/86
	4,783,846	11/08/88	Wachob	455/151	06/04/87
	4,785,420	11/15/88	Little	364/513.5	
	4,786,979	11/22/88	Claus et al.	358/335	05/22/86
	4,787,063	11/22/88	Muguet	364/900	10/16/85
	4,787,085	11/22/88	Suto et al.	370/110.1	05/29/87
	4,789,863	12/06/88	Bush	340/825.350	01/13/88
	4,792,849	12/20/88	McCalley et al.	358/86	08/04/87
	4,792,973	12/20/88	Gilhousen et al.	380/24	12/04/87
	4,796,181	01/03/89	Wiedmer	364/406	
	4,802,114	01/31/89	Sogame	364/900	12/15/86
	4,803,725	02/07/89	Horne et al.	380/44	05/14/87
	4,805,014	02/14/89	Sahara et al.	358/86	09/14/87
	4,805,020	02/14/89	Greenberg	358/147	
	4,809,274	02/28/89	Walker et al.	371/37	
	4,812,843	03/14/89	Champion, III et al.	340/905	08/11/87
	4,813,011	03/14/89	Kulakowski et al.	364/900	05/13/85
	4,815,129	03/21/89	Griffin et al.	380/15	01/02/85
	4,816,904	03/28/89	McKenna et al.	358/84	
	4,816,905	03/28/89	Tweedy et al.	358/86	04/30/87
	4,821,032	04/11/89	Shimada et al.	340/825.210	12/23/85
	4,821,102	04/11/89	Ichikawa et al.	358/183	07/29/87
	4,825,050	04/25/89	Griffith et al.	235/379	09/13/83
	4,827,508	05/02/89	Shear	380/4	10/14/86
	4,829,372	05/09/89	McCalley et al.	358/86	08/20/87
	4,829,569	05/09/89	Seth-Smith et al.	380/10	07/08/86
	4,833,710	05/23/89	Hirashima	380/20	12/03/87
	4,837,858	06/06/89	Ablay et al.	455/34	04/30/87
	4,841,386	06/20/89	Schiering	360/69	
	4,843,482	06/27/89	Hegendorfer	358/335	
	4,845,491	07/04/89	Fascenda et al.	340/825.44	05/15/87
	4,847,698	07/11/89	Freeman	358/343	07/16/87
	4,847,699	07/11/89	Freeman	358/343	07/16/87
	4,847,700	07/11/89	Freeman	358/343	07/16/87
	4,855,842	08/08/89	Hayes et al.	358/342	
	4,866,706	09/12/89	Christophersen et al.	370/85.7	08/27/87
	4,868,866	09/19/89	Williams, Jr.	380/49	02/18/88
	4,876,592	10/24/89	Von Kohorn	358/84	05/10/88
	4,879,611	11/07/89	Fukui et al.	360/69	
	4,885,579	12/05/89	Sandbank	340/825.72	
	4,885,775	12/05/89	Lucas	380/10	09/21/84
	4,887,172	12/12/89	Steele	360/73.06	04/10/87

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,888,796	12/19/89	Olivo, Jr.	379/101	08/31/87
	4,890,321	12/26/89	Seth-Smith et al.	380/20	09/30/88
	4,893,248	01/09/90	Pitts et al.	364/464.01	02/06/87
	4,916,539	04/10/90	Galumbeck	358/142	03/14/89
	4,926,255	05/15/90	Von Kohorn	358/84	05/10/88
	4,941,040	07/10/90	Pocock et al.	358/86	02/10/88
	4,969,209	11/06/90	Schwob	455/158	06/29/88
	4,974,252	11/27/90	Osborne	379/92	10/04/88
	4,977,594	12/11/90	Shear	380/4	02/16/89
	4,982,430	01/01/91	Frezza et al.	380/50	
	4,993,066	02/12/91	Jenkins	380/16	
	5,010,571	04/23/91	Katznelson	380/4	09/10/86
	5,034,807	07/23/91	Von Kohorn	358/84	10/19/89
	5,036,537	07/30/91	Jeffers et al.	380/20	04/03/87
	5,045,848	09/03/91	Fascenda	340/825.26	09/29/87
	5,050,213	09/17/91	Shear	380/25	08/06/90
	5,057,915	10/15/91	Von Kohorn	358/84	10/25/90
	5,060,140	10/22/91	Brown et al.	364/200	01/16/86
	5,083,271	01/21/92	Thacher et al.	364/411	08/03/88
	5,089,885	02/18/92	Clark	358/86	08/01/88
	5,128,752	07/07/92	Von Kohorn	358/84	10/25/90
	5,140,419	08/18/92	Galumbeck et al.	358/142	12/21/89
	5,144,663	09/01/92	Kudelski et al.	380/16	11/13/90
	5,152,011	09/29/92	Schwob	455/158.5	06/19/90
	5,152,012	09/29/92	Schwob	455/158.5	04/27/90
	5,163,024	11/10/92	Heilveil et al.	365/219	05/09/90
	5,172,111	12/15/92	Olivo, Jr.	340/825.31	12/18/89
	5,177,604	01/05/93	Martinez	358/86	06/03/88
	5,191,410	03/02/93	McCalley et al.	358/86	02/05/91
	5,195,092	03/16/93	Wilson et al.	370/94.2	08/30/91
	5,208,665	05/04/93	McCalley et al.	358/86	02/15/91
	5,216,552	06/01/93	Dunlap et al.	360/33.1	08/30/88
	5,227,874	07/13/93	Von Kohorn	358/84	10/15/91
	5,283,734	02/01/94	Von Kohorn	364/412	09/19/91
	D302,178	07/11/89	King	D20/1	11/28/86
	Re. 32,835	01/17/89	Howard	333/21 A	11/06/85
	Re. 33,662	08/13/91	Blair et al.	364/410	09/21/89
	Re. 33,808	01/28/92	Wright, Jr.	358/86	08/28/85
	Re. 34,034	08/18/92	O'Sullivan	379/59	09/29/89

\* If Pertinent

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION NO	YES
	46,108	02/17/82	EPO	H04N 5/76	X	
	49,184	04/07/82	EPO	G09B 7/08	X	
	55,167	06/30/82	EPO	G09G 1/16	X	
	56,649	07/28/82	EPO	H04N 5/44		
	77,712	04/27/83	EPO	H04N 7/00	X	
	78,185	05/04/83	EPO	H04N 7/00	X	
	103,438	03/21/84	EPO	H04N 7/10		
	128,481	12/19/84	EPO	H04N 7/00		
	132,007	01/23/85	EPO	H04N 7/16		
	133,985	03/13/85	EPO	H 04 N 7/087		
	152,251	08/21/85	EPO	H04H 1/02		
	206,821	12/30/86	EPO	H04N 7/00		
	217,308	04/08/87	EPO	H04M 11/00		
	1,189,612	06/25/85	Canada	Ho4n 7/08		
	1,204,190	09/03/70	Great Britain			
	1,213,357	11/25/70	Great Britain			
	1,216,977	01/20/87	Canada	HO4M 11/00		
	2,081,948	02/24/82	Great Britain	H04Q 9/00		
	2,090,504	07/07/82	Great Britain	H04N 3/16		
	2,103,455	02/16/83	Great Britain	H04N 1/00 7/12		
	2,126,002	03/14/84	Great Britain	G11B 15/02		
	2,141,897	01/03/85	Great Britain	H04N 7/16		
	2,164,229	03/12/86	Great Britain			
	2,167,917	06/04/86	Great Britain			
	2,185,670	07/22/87	Great Britain	H04N 7/087		
	2,356,969	05/22/75	Germany			X
	2,496,376	06/18/82	France	H04N 7/00	X	
	2,516,733	05/05/83	France	H04N 7/00	X	
	2,831,014	04/03/80	Germany		X	
	3,020,787	12/17/81	Germany	H04N 7/08	X	
	3,039,949	05/06/82	Germany	H04M 3/42	X	
	3,112,249	10/07/82	Germany	G09G 1/28	X	
	3,337,204	04/25/85	Germany	H04N 5/44	X	
	53-068124	06/17/78	Japan			X
	55-26792	02/26/80	Japan		X	
	55-49084	04/08/80	Japan			X
	55-79585	06/16/80	Japan		X	
	58-156279	09/17/83	Japan		X	
	58-209276	12/06/83	Japan			X

	59-160387	09/11/84	Japan	H04N 7/10		X
	59-224988	12/17/84	Japan			X
	60-123182	07/01/85	Japan			X
	60-256289	12/17/85	Japan	H04N 7/173		X
	60-61935	04/09/85	Japan	G11B15/02	X	
	61-148988	07/07/86	Japan	H04N 7/173		X
	61-174889	08/06/86	Japan		X	
	61-50470	03/12/86	Japan	H04N 5/44	X	
	WO 83/00789	03/03/83	PCT Appl.	H04N 7/08	X	
	WO 85/03604	08/15/85	PCT Appl.	H03K 3/84		
	WO 85/03830	08/29/85	PCT Appl.	H04N 7/16		
	WO 87/04884	08/13/87	PCT Appl.	H04M 11/08		

## OTHER DOCUMENTS

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Various Articles following cover sheet titled "QVP - Pay Per View" 11/29/82
	... the Recordable Laser Videodisc - RLV, product description, Optical Disc Corporation, 2 pages.
	"1983 Worldwide Census of Videotex and Cabletext Activities," CSP International, 9/1983, pp. 24+.
	"Diode Array Connection," Virdata 2.1, 1982, 7 pages.
	"KEYCOM Completes Successful Nite-Owl Experiment," KEYCOM News Release, 9/5/82, 3 pages.
	"KEYCOM, SSS Boards Approve Joint Venture for KEYFAX National Teletex Magazine," KEYCOM News Release, 8/20/82, 3 pages.
	"SAT-Guide Tests Electronic Program Guide Unit at Facilities," SAT Guide, 5/1982, pp. 50-52.
	"SSS, KEYCOM Formally Launch KEYFAX National Teletext Magazine," SSS Press Release, 11/17/82, 2 pages.
	"Telesoftware and Education Project: Summary of Report," A Joint BBC/ITV & Brighton Research Project, Summer 1982, 111 p. and appendix.
	"Teletext (Broadcast Videotext) Begins in the United States" by Richard H. Veith, Logica, Inc. at National Online Meeting: Proceedings - 1982 sponsored by Online Review, pp. 547 - 551
	"Vidata Teletext and Vertical Interval Data Products," Product Summary, Wegener Communications, April 20, 1983.
	"Zenith Teletex Technology: A Backgrounder," Zenith Radio Corporation, Summer 1983, 6 pages.
	1981 Annual Report, Quotron Systems, Inc.
	1983 Annual Report, Quotron Systems, Inc.
	1986 Annual Report to Shareowners, Customers and Employees, The Dun & Bradstreet Corporation.
	1986 Annual Report, The Allen Group Inc.
	9 Digital Television Developments, Independent Broadcasting Authority (Iba) Technical Review, Pp. 19-31.
	A System Of Data Transmission In The Field Blanking Period Of The Television Signal, Iba Technical Review, Digital Television, Pp. 37-44.
	A Touch-Screen Disc (Devlin Interviews the Producer), reprinted from E&ITV magazine, Vol. 16, No. 5, May 1984, 4 pages.
	A Videotex Pioneer Pushes Into The U.S. Market, Business Week, Apr. 16, 1984, p. 63.
	Aarsteinsen, Barbara, "How the Chip Spurs TV Growth," "The promise of digital television has stirred the U.S. Industry," The New York Times, May 20, 1984, 1 page.
	Adams, D.M., "The Place of Viewdata in Relation to Other Communications Techniques in the Travel Industry: A Personal View," Viewdata & Videotext, 1980-81: A Worldwide Report, 1980, pp. 379-397.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	ADD-ON FEATURES, UCSD p-System Version IV, SOFTECH Microsystems, product description, 2 pages.
	Addressable Cable Television Control System with Vertical Interval Data Transmission, Campbell et al. abandoned app. No. 348,937, pp. 1-28, abstract, claims 1-42, Figs. 1-13 (March 1980)
	Addressable control - A big first step toward the marriage of computer, cable, & consumer, Larry C. Brown, (Pioneer Communications of America), Cable
	Advanced Minicomputer-based Systems for Banking and Financial Institutions, Money Management Systems, Incorporated, brochure, 1980, 9 pages.
	Advanced Transmission Techniques, SMPTE Journal, Report on the 121st Technical Conference, January 1980, Vol. 89, pp. 31-32.
	Advertisers Guide to Cable TV Terms, brochure, Cable Ad Associates, Inc.
	Advertising On Cable "Automatic Commercial Insertion-Plus-Automatic Print-Out Verification With the New Ad Machine and Ad Log," Advertisement, Tele-Engineering Corporation, 4 pages.
	Alber, Antone F., "Videotex/Teletext, Principles and Practices," McGraw-Hill Book Company, pp. 37, 138-139, 142-147, 188-191.
	Alber, Antone F., Videotex/Teletext, McGraw-Hill, 1985 pp. 495+.
	Alfonzetti, Salvatore, "Interworking between teletext and OSI systems," Computer Communications (1989)
	Allen Communication Introduces Integrated Interactive Video Systems, brochure, 2 pages.
	Allen Communication Price List, Allen Communication, 1 page.
	Alvord, Charles, Dr. (Communications Technology Management, Inc.), "Creating Standards for Interconnect Systems," CABLE '82, pp. 190-196.
	American National Standard "dimensions of video, audio and tracking control records on 2-in video magnetic tape quadruplex recorded at 15 and 7.5 in/s," SMPTE Journal, October 1981, pp. 988-989.
	American National Standard "time and control code for video and audio tape for 525-line/60-field television systems," SMPTE Journal, August 1981, pp. 716-717.
	Ancillary Signals for Television, U.S. Dept. of Commerce, Sep. 1975.
	Anderson: Progress Committee Report for 1979 - Television, SMPTE Journal, May 1980, Vol. 89, pp. 324-328.
	Andrews, Edmund L., "AT&T Sees the Future in Games," The New York Times, Business Day, 2 pages.
	Annual Index 1982, SMPTE Journal, Vol. 91, January-December 1982, pp. 1253-1263.
	Application of Direct Broadcast Satellite Corporation for a Direct Broadcast Satellite System, Before the Federal Communications Commission, Washington, D.C., Gen. Docket No. 80-603, July 16, 1981.
	Applications Information VCR-3001A Universal Videocassette Control Module, Channelmatic, Inc., product description, 5 pages, Mar. 1984.
	Appx. B of Petition to FCC, p. 72, filed July 29, 1980.
	Arenson, Karen W., "CBS, I.B.M., Sears Join In Videotex Venture," newspaper article, 1 page.
	Art To Go "The Business Builder in a Box," advertisement, Multi-Image Systems, 1 page.
	At Sequent Computer, One Size Fits All, Business Week, Sep. 17, 1984, 1 page.
	Audio Level Detector ALD-3000A, Channelmatic, Inc., product description, March 1984, 1 page.
	Audio Service Packages May Shed Stepchild Status, CableAge, 11/16/81, pp. 17, 18 & 23.
	Audio-Video Emergency Alert System, Channelmatic, Inc., product description, March 1984, 2 pages.
	Automated Videotape Delay Of Satellite Transmission, Chiddix, "Satellite Communicatins Magazine", 2 Pages.
	Automation, Control and Monitoring Systems, brochure, Jasmin Electronics Limited.
	Baran, Paul (PACKETCABLE INC.), "PACKETCABLE: A New Interactive Cable System Technology," CABLE '82 - Technical Papers, National Cable Television Association 31st Annual Convention, Las Vegas, NV, May 3-5, 1982 ("CABLE '82), pp. 1-6.
	Barbieri, Rich, "Perfecting the Body Count," Channels, p. 15, June 1987.
	Barlow, Michael W.S., "Application of Personal Computers in Engineering," SMPTE Journal, Jan. 1985, pp. 27-30.
	Behrens, Steve, "People Meters' Upside," Channels, p. 19, May 1987.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Behrens, Steve, "People Meters vs. The Gold Standard," Channels, p. 72, Sep. 1987.
	Berss, Marcia, "Tune in," Forbes, p. 227, Sep. 24, 1984.
	Bertsekas, Dimitri P., "Distributed Dynamic Programming," Proceedings of the 20th IEEE Conference on Decision & Control, 12/16/81, Vol. 1, pp. 774-779.
	Beville, Hugh M. Jr., "The Audience Potential of the New Technologies: 1985-1990," Journal of Advertising Research, April/May 1985, pp. RC-3 - RC-10.
	Blneau, J., et al., "How to Execute TeleSoftware within the Terminals," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 21-24.
	Bortz, Paul I., et al., Great Expectations; A Television Manager's Guide to the Future, National Association of Broadcasters, 4/86, pp. 101-103, 133-136.
	Boyd, R.T., "Interactive Service Development on the BT Switched-Star Network," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 67-73.
	Brack, Fred, "QB1 Anyone?", Alaska Airlines, August 1986, 2 pages.
	Bradshaw, D.J., et al., "BBC Datacast - Conditional Access Operation," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 99-105.
	Branch, Charles, "Text Over Video," PC World, Dec. 1983, pp. 202-210.
	Broadcast Break Sequencer Model BBS-3006A, Channelmatic, Inc., product description, March 1984, 1 page.
	Broadcast Quality Random Access Commercial Insert System Featuring the Channelmatic SPOTMATIC Z, Channelmatic, Inc., product description, 1 page.
	Broadcast Teletext Telesoftware Specification, 4/1983, 31 pages.
	Broadcasting Services, brochure, PSN, Private Satellite Network, Inc., 6 pages.
	Broadway Video, Brochure, Feb. 1987.
	Brown, Jr., Robert R. (Cima Telephone and Television), "Inter Bridger Trunking for Information Services," CABLE '82, pp. 183-189.
	Brown, L., "Telesoftware: Experiences of Providing a Broadcast Service," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 25-28.
	Brown, Lawson, J., "BBC Datacast - Implementing A Data Service," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 107-110.
	Brown, Lawson, J., "BBC Telesoftware - 3 Years On," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 35-38.
	Browning, E.S., "Sony's Perseverance Helped It Win Market For Mini-CD Players," Wall Street Journal, Feb. 27, 1986, 2 pages.
	BS-14, Broadcast Specification, Television Broadcast Videotext, Telecommunication Regulatory Service, June 19, 1981.
	Busby, E.S., "Digital Component Television Made Simple," SMPTE Journal, July 1985, pp. 759-762.
	Business news breakthrough from Dow Jones, advertisement, The Wall Street Journal, Jun. 10, 1982, p. 47.
	Business Television "Changing the Way America Does Business," PSN, 1986.
	Business Television Services, Irwin Communications, Inc., brochure, 1 page.
	C-100 Series Micro Earth Stations for Satellite Data Distribution, product description, Equatorial Communications Company, 4 pages.
	C-200 Micro Earth Station for Satellite Data Communications, product description, Equatorial Communications Company, 3 pages.
	Cable Advertising Conference February 9, 1982, conference agenda, Cabletelevision Advertising Bureau, Inc., 6 pages.
	Cable Audience Measurement Study, A Prospectus based upon recommendations of the Ad Hoc Cable Measurement Committee, pamphlet.
	Cable TV Advertising, Paul Kogan Associates, Inc., No. 22, Feb. 18, 1981, 6 pages.
	CAMP, Arbitron Cable, The Arbitron Company, product brochure, May 1980, 8 pages.
	Chambers, J.P., "BBC Datacast - The Transmission System," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 93-98.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Channelmatic ADA-1A, ADA-2A, ADA-3A Audio Distribution Amplifier, Channelmatic, Inc., product description, 1 page.
	Channelmatic ADA-3006A Audio Distribution Amplifier, Channelmatic, Inc., product description, 1 page.
	Channelmatic AVS-10A Patchmaster, Channelmatic, Inc., product description, 2 pages.
	Channelmatic BBX-1A Billibox Bypass and Test Switcher, Channelmatic, Inc., product description, 2 pages.
	Channelmatic CMG-3008A 8-Page Color Message Generator Module, Channelmatic, Inc., product description, 1 page.
	Channelmatic PCM-3000A Superclock Programmable Controller Module, Channelmatic, Inc., product description, 2 pages.
	Channelmatic SDA-1A Sync Stripping Pulse Distribution Amplifier, Channelmatic, Inc., product description, 1 page.
	Channelmatic SPOTMATIC Random Access Commercial Insert System, Channelmatic, Inc., product description, Jul. 1983.
	Channelmatic Television Switching and Control Equipment 3000 Series, Channelmatic, Inc., product descriptions, 1984.
	Channelmatic UAA-6A Universal Audio Amplifier, Channelmatic, Inc., product description, 1 page.
	Channelmatic VDA-1A, VDA-2A, VDA-3A Video Distribution Amplifier, Channelmatic, Inc., product description, 1 page.
	Channelmatic VDA-3006A Video Distribution Amplifier, Channelmatic, Inc., product description, 1 page.
	Channelmatic, Inc., advertisement, "Looking at Local Ad Sales?", 1 page.
	Channelmatic's Handimod I, Channelmatic, Inc., product description, 2 pages.
	Charting A More Profitable Course For Your Portfolio?, advertisement, Dow Jones News/Retrieval, The Wall Street Journal, Jun. 24, 1982, p. 40.
	Chase, Scott, "Corporate Satellite Networks No Longer A Luxury But Rather A Necessity," Via Satellite, July 1987, pp. 18-21.
	Ciciora, Walter S., "Cable Videotex in the United States," The World Videotex Report, 1984, pp. 559-573.
	Ciciora, Walter S., "Pixels and Bits - How Videotex Works," The World Videotex Report, 1984, pp. 17-33.
	CIS-1A SPOTMATIC JR. & CIS-2A LI'L MONEYMAKER, Channelmatic, Inc., Installation and Operations Guide, 950-0066-00, V1.0.
	City of Seal Beach Channel Utilization Guide, 3 pages.
	Clock Switching System Model CCS-3000A-1, Channelmatic, Inc., product description, March 1984, 1 page.
	Collin, Simon, PC Text II (Hardware Review (Shortlist), PC User (1990)
	Collins, Glenn, "For Many, a Vast Wasteland Has Become a Brave New World," New York Times, no date, 2 pages.
	Computer Controls for Video Production, EECO EECODER Still-Frame Decoder VAC-300, product brochure, 1984, 4 pages.
	COMSAT, "Annual Report 1981."
	COMSAT, "Communications Satellite Corporation Magazine," Number 7, 1982.
	COMSAT, "Satellite to Home Pay Television," no date.
	Comsat's STC: Poised for blastoff into TV's space frontier, Broadcasting, Feb. 22, 1982, pp. 38-45.
	Connell, Steve, "Arm-Chair Quarterbacking (Computer football game makes fans the play-callers)," The Sacramento Union, Jan. 23, 1986, 3 pages.
	Connelly, Mike, "Knight-Ridder's Cutbacks at Viewtron Show Videotex Revolution Is Faltering," The Wall Street Journal, Nov. 2, 1984, p. 42.
	Consumer Electronics: A \$40-Billion American Industry, a report prepared by Arthur D. Little, Inc. for the Electronic Industries Association/Consumer Electronics Group, April 1985.
	Consumer Systems Industry Service, research notes, GARTNER GROUP, Inc., June 22, 1983, 13 pages.
	Contraband code, Closed Circuit, Broadcasting, Sep. 28, 1970, 1 page.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Conway, Paul A., "Acotuda' An adaptive Technique for Optimum Channel Useage in Data Broadcasting," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 51-56.
	Corporate Capabilities, Irwin Communications, Inc., brochure, 1 page.
	Correspondence School Via Computer Is Planned, The New York Times, Sep. 13, 1983, 1 page.
	Couzens, Michael, "Invasion of the People Meters," CHANNELS, June 1986, pp. 40-45.
	Crowther, G.O. "Teletext Enhancements - Levels 1, 2 and 3," IBA Technical Review, May 1983, pp. 11-16.
	Crowther, G.O., "Subscription T.V., A Concept For A Multi Satellite, Multi Programme Source Environment," 4/27/87, 2 pages.
	CVS-3000A Commercial Verification System, Channelmatic, Inc., product description, March 1984, 1 page.
	Dahlquist, John (Jerrold Division, General Instrument Corporation), "Techniques for Improving Continuity of Service in a CATV Distribution System," ABSTRACT, CABLE '82, p. 138
	Damouny, N.G. "Teletext Decoders - Keeping Up with the Latest Technology Advances," Consumer Electronics, Vol. CE-30, No. 3, August 1984, pp. 429-436.
	Data Communications Network Description, product description, Equatorial Communications Company, 5 pages.
	Day, Alexander G., "From Studio to Home - How Good is the Electronic Highway?", SMPTE Journal, Feb. 1985, pp. 216-217.
	DeGoulet, et al., "Automatic Program Recording System" Radio diff. Et TV 11/75
	Department of Transport and Communications Radio Frequency Management Division, Licensing Procedures for Ancillary Communications Services (ACS).
	Development Software, Visage, Inc., product description, 4 pages.
	Diamond, David, "Why Television's Business Programs Haven't Turned a Profit," The New York Times, Jun. 16, 1985, pp. F10-F11.
	Diamond, Edwin, "Attack of the People Meters," New York, pp. 38-41, Aug. 24, 1987.
	Diamond, Sam, "Turning Television Into A Business Tool," High Technology, April 1987, 2 pages.
	Dickey, Glenn, "A Game That's Better Than The Real Thing," San Francisco Chronicle, Dec. 17, 1985, p. 63.
	Dickey, Glenn, "QB1: Bringing The Game Into The Bar," SPORT MAGAZINE, Oct. 1986, 1 page.
	Dickinson, Robert V.C. (E-COM CORPORATION), "Carriage of Multiple One-Way and Interactive Service on CATV Networks," CABLE '82, pp. 16-21.
	Did the ad run?, Media Decisions, July 1969, pp. 44 et seq.
	Digisonics' Aim Is Info Bank, Not Just Proof of Performance, Advertising Age, Nov. 9, 1970, 4 pages.
	Digisonics' dilemma, Media Decisions, June 1971, 6 pages.
	Digisonics pushes its coding method, Broadcasting, Dec. 7, 1970, p. 37.
	DIGISONICS TV Monitor System Finds Defenders, Advertising Age, Dec. 8, 1969, 1 page.
	Digisonics violated standards, says BAR, Broadcasting, Oct. 5, 1970, pp. 21-23.
	Digital TV set to burst on U.S. mart, New York Post, 2 pages.
	DIGITAL, "Vax Producer, A System for Creating Interactive Applications," product bulletin, May 1984, 8 pages.
	Do You Want to be Making \$5-\$10 a Subscriber - Right Now? "Join Us in Our Success!", advertisement, Multi-Image Systems, 1 page.
	Dolnick, Edward, "Inventing The Future," The New York Times Magazine, August 23, 1987.
	Dow Jones Cable Information Services, Company Brochure, 1982.
	Dow Jones Cable News Service Daily Features Financial Markets, product summary, 1 page.
	DOWALERT, Brochure, 1983, 6 pages.
	DOWNLOAD, Monthly Newsletter, Vol. 1, No. 1, May 1984.
	Dowsett, C., "Code of Practice for Second Generation Teletext," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 9-26.



Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Dowsett, C., "Telesoftware in the Development of Wideband Cable Systems and Services," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 45-48.
	Draft, North American Broadcast Teletext Specification (NABTS), EIA/CVCC, 9/20/83, 85 pages.
	Dragutsky, Paula, "Data in the bank is booming biz," New York Post, Apr. 29, 1985, 1 page.
	Dufresne, Michel (Videotron Communications LTEE), "New Services: An Integrated Cable Networks's Approach," CABLE '82, pp. 156-160.
	Dumaine, Brian, "Who's Gypping Whom in TV Ads?", Fortune, pp. 78-79, July 6, 1987.
	Dunn, Donald H., editor, "Devices That Let You Track Stocks Like A Floor Trader," Personal Business, Business Week, July 25, 1983, pp. 83-84.
	Dunn, Donald H., editor, "How to Pick Your Stocks by Computer," Personal Business, Business Week, Sep. 12, 1983, pp. 121-122.
	E.F. Hutton to Start A Videotex Service, newspaper article, 1 page.
	eca, brochure, Effective Communication Arts, Inc., 4 pages.
	Eisenhammer, John, "Will Europe's Satellite TV Achieve Lift-Off?", Business, Aug. 1986, pp. 56-60.
	Eissler, Charles (Oak Communications Systems), "Addressable Control for the Small System," CABLE '82, pp. 32-36.
	Electronic Surveys, Inc. Signs NTN Contract, News Release, NTN Communications, Inc. Carlsbad, CA, 2 pages.
	ELITE 2000 Creation System, IBM Compatible Information Display System, advertisement, Display Systems International, Inc., 1 page.
	ELRA Group Cablemark Reports Volume I, SAT Guide, Feb. 1982, 1 page.
	Enhanced graphics for Teletext, R.H. Vivian, August 1981, IEEE pp. 541-550
	ETHERNET, 10mbit per second Local Area Network, Silicon Graphics, Inc., product specification, 2 pages.
	Etkin, Vertical Interval Signal Applications, Broadcast Engineering, pp. 30-35, April 1970.
	EUROM - a single-chip c.r.t. controller for videotex, Mullard, Technical publication, 1984, 12 pages.
	EUROM "A display IC for CEPT Videotex," Mullard, product information, Feb. 1984, 6 pages.
	European Security Prices Are Now Available As New Service From Quotron Systems, News Release, Sep. 21, 1984, 1 page.
	Everything you've always wanted to know about TV RATINGS, A.C. Nielsen Company, brochure, 1978.
	Experienced Educator/Trainers, "Use the new PILOT plus Training System to develop highly interactive courseware on your IBM PC that will run on most microcomputers," advertisement, ONLINE Computer Systems, Inc., 2 pages.
	Fantel, Hans, "Videotex to Expand What a TV Can Do," article, 1 page.
	Fast Forth "No Other Forth Comes Close," IEV Corporation, product brochure.
	Federal Register/Vol.64, No. 146/Friday, 7/30/99
	Ferre, "Goodbye, TV Snow", Electronic Servicing, May 1977, pages 14-22
	Few Things In Life Work As Well As TAPSCAN, advertisement, TAPSCAN Incorporated, 6 pages.
	Financial News Network Eyeing Teletext Service Tied To Home Computers, International Videotex Teletext News, Dec. 1983, 1 page.
	Financial News Network The Business Connection, brochure, Financial News Network, 8 pages.
	Fisher, Lawrence M., "TV: Growing Corporate Tool," The New York Times, 2 pages.
	Five Authoring Languages Now Available For Use With Visage Interactive Video Systems, Visage News Release, Visage, Inc., March 18, 1985, 5 pages.
	Fletcher, Carol, "Videotext: Return Engagement," IEEE Spectrum, 10/85, pp. 34-38.
	Flexible programmieren mit VPS, Funkschau, (German publication), 1985. (translation provided).
	FNN Financial News Network, advertisement, brief review of research from the Stanford Research Institute's VALS study, and research from ELRA Group Cablemark Reports Volume I, 4 pages.
	Foster, R.A.L., et al., "The European Videotext Standard," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 27-32.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Four-Channel Commercial Insert System Featuring the Channelmatic CIS-1A SPOTMATIC JR, Channelmatic, Inc., product description, 1 page.
	Friedman, Jack, "The Most Peppery Game Since The Hot Stove League? It's Rotisserie Baseball," People weekly, April 23, 1984, 2 pages.
	From Satellite To Earth Station To Studio To S-T-L To Mds Transmitter To Home; Pay Television Comes To Anchorage Alaska, Verga, "Telecommunications Systems, Inc.", Baltimore, Md. Pages 76-80.
	Gano, Steve, "A Draft of a Request for Proposals Concerning the Adoption of Computer Technology in the Home," January 1988, DRAFT ? 1987 Steve Gano.
	Gano, Steve, "Teaching 'real world' systems," 1 page, 1987.
	Gecsei, Jan. The Architecture of Videotex Systems (Englewood Cliffs, N.J.: Prentice-Hall, Inc., 1983), pp. 174-177, 233-238.
	Gill, B., "A New Teletext Data Acquisition Circuit in CMOS, The MV1812," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 141-145.
	Gits, V., "Surprise a-Tac," Cablevision, Vol. 10, No. 5, October 1984, pp. 30-33.
	Givertz, M.J., "Practical Implementation of an Information Provision Service Using Teletext," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 111-116.
	Gleick, James, "U.S. Is Lagging on Forecasting World Weather," The New York Times, Feb. 15, 1987, 2 pages.
	Goldberg, Efrem I. (GTE Laboratories Incorporated), "Videotex on Two-Way Cable Television Systems - Some Technical Considerations," CABLE '82, pp. 166-174.
	GraphOver 9500, Hi-Res Graphics Overlays for NTSC Video, New Media Graphics, product description, 1983, 4 pages.
	GraphOver 9500, Hi-Res Hi-Speed Graphics Overlays For Videodisc, New Media Graphics, product description, 1985, 4 pages.
	Gregg, Gail, "The Boom In On-Line Information," New Businesses, Venture, March 1984, pp. 98-102.
	Griffith, Michael, "Text Services on Wideband Cable Networks," 9/11/86, 12 pages.
	Guide To Context - The Logica Teletext Origination System, TV Systems Division - Logica Limited, July 1983.
	Gunn, William, "Get Ready For Monday Night Football," Night Club and Bar, July 1986, pp. 20-22.
	Hagen, Rolf, "Teletex, A New Text Communication Service and Its Impact on Network Modules," NTC Record-1981, National Telecommunications Conference, 11/29/81 - 12/3/81, pp. F5.3.1 - F5.3.5.
	Harrar, George, "Opening Information Floodgates," American Way, Oct. 1982, pp. 53-56.
	Harris, A., "A European Standard Protocol for Videotext TeleSoftware," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 79-82.
	Harris, Anthony, "A European Standard for Videotex Processable Data," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 39-42.
	Harris, Dr. Thomas G., et al., "Development of the MILNET," Conference Record, Eascon 82, 1982, pp. 77-80.
	Havelock, T.J., "Games Telesoftware on Cable," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 55-58.
	Hayashi, Alden, M., "Can Logic Automation model its way to success?", Electronic Business, Aug. 1, 1986, 1 page.
	Hayes, Donald R., "Vertical-Interval Encoding for the Recordable Laser Videodisc," SMPTE Journal, August 1985, pp. 814-820.
	Hayes, Thomas C., "New M.C.C. Chief's Strategy: To Speed Payoff on Research," The New York Times, Jun. 24, 1987, 2 pages.
	Held, Thomas et al., "Videodisc To Lure And To Learn," reprinted from The Journal of the International Television Association, International Television, May 1984, 4 pages.
	Herman, James C., "Application of Fiber Optics in CATV Distribution Systems," Technical Papers, NCTA 31st Annual Convention & Exposition, 5/3-5/82, pp. 148-152.
	High Technology, Business Week, Jan. 11, 1982, pp. 74-79.
	Highlights, SMPTE Journal, December 1985, p. 1243.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Highlights, SMPTE Journal, January 1986, p. 3.
	Highlights, SMPTE Journal, November 1985, p. 1155.
	Highlights, SMPTE Journal, October 1985, p. 1001.
	Highlights, SMPTE Journal, September 1985, p. 881.
	Highlights, SMPTE, SMPTE Journal, April 1983, p. 355.
	Highlights, SMPTE, SMPTE Journal, April 1985, p. 361.
	Highlights, SMPTE, SMPTE Journal, August 1983, p. 803.
	Highlights, SMPTE, SMPTE Journal, August 1985, p. 801.
	Highlights, SMPTE, SMPTE Journal, December 1983, p. 1269.
	Highlights, SMPTE, SMPTE Journal, February 1983, p. 163.
	Highlights, SMPTE, SMPTE Journal, February 1985, p. 181.
	Highlights, SMPTE, SMPTE Journal, January 1984, p. 3.
	Highlights, SMPTE, SMPTE Journal, January 1985, p. 3.
	Highlights, SMPTE, SMPTE Journal, July 1983, p. 715.
	Highlights, SMPTE, SMPTE Journal, July 1985, p. 721.
	Highlights, SMPTE, SMPTE Journal, June 1983, p. 627.
	Highlights, SMPTE, SMPTE Journal, June 1985, p. 641.
	Highlights, SMPTE, SMPTE Journal, March 1983, p. 267.
	Highlights, SMPTE, SMPTE Journal, March 1985, p. 265.
	Highlights, SMPTE, SMPTE Journal, May 1983, p. 547.
	Highlights, SMPTE, SMPTE Journal, May 1985, p. 545.
	Highlights, SMPTE, SMPTE Journal, November 1983, p. 1173.
	Highlights, SMPTE, SMPTE Journal, October 1983, p. 1027.
	Highlights, SMPTE, SMPTE Journal, September 1983, p. 907.
	Highlights, SMPTE, The 124th SMPTE Conference, SMPTE Journal, January 1983, p. 3.
	Hinson, C.R., "A 'Full Level One+' World System Teletext Decoder," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 127-132.
	Hitachi CD-ROM Drive CDR-1502S, product description, Hitachi, Ltd., 6 pages.
	Hitachi New CD-ROM Drive CDR-2500, product description, Hitachi, Ltd., 2 pages.
	Hobbs, R., The Guide To Teletext, Logica, January 1986.
	Hoffman, Paul, "The Next Leap In Computers," The New York Times Magazine, Dec. 7, 1986, 6 pages.
	Holmes, Edith, "Electronic Mail Debuts," ASIS Bulletin, 12/81, pp. 40-42.
	HOMECAST, A Consumer Market Service from ICM Services, Chase Econometrics, product brochure, 2 pages.
	How personal computers can backfire, Business Week, July 12, 1982, pp. 56-59.
	How to find the pot of gold at the end of this rainbow, Scotch Videodisc, 3M, brochure.
	How to increase training productivity through VIDEODISC and MICROCOMPUTER systems, seminar brochure, 1981.
	Howell, "A Primer on Digital Television" Journal of the SMPTE, 7/1975, 538-541
	Hutt, "A System of Data Transmission in the Field Blanking Period of the Television Signal", SLICE pages 37-44, 6/1973
	I/NET CORPORATION, Company Brochure.
	IDC begins monitoring, At Deadline, Broadcasting, Sep. 14, 1970, p. 9.
	IDC encoding system still alive at FCC, Broadcasting, Sep. 27, 1971, p. 31.
	IEV February 1985 Price List, 1 page.
	IEV Graphics and Interactive Video Products, IEV Corporation, product information, 1 page.
	IEV-10 A Direct Replacement for the IBM Color/Graphics Adapter Card with Video Overlay Capability, IEV Corporation, product description, 1 page.
	IEV-20 High-Resolution Color Graphics For The IBM-PC, IEV Corporation, product description, 1 page.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	IEV-40 Graphics Overlay and Video Disc and Tape Control for the IBM-PC, IEV Corporation, product description, 1 page.
	IIAT International Institute of Applied Technology, Inc., company description, 4 pages.
	IIAT ST-1000A IIAT Training Station, product description, IIAT, International Institute of Applied Technology, Inc., 2 pages.
	IIAT ST-1000B IIAT Training Station, product description, IIAT, International Institute of Applied Technology, Inc., 2 pages.
	Imager monitors the bloodstream, High Technology, March 1987, 1 page.
	In this corner, DIGISONICS!, Media Decisions, June 1968, 5 pages.
	Index to SMPTE-Sponsored American National Standards and Society Recommended Practices and Engineering Guidelines, SMPTE Journal, Annual Index 1987, pp. 1258, 1260-1262.
	Index to SMPTE-Sponsored American National Standards, Society Recommended Practices, and Engineering Committee Recommendations, 1980 Index to SMPTE Journal, SMPTE Journal, pp. I-15 to I-20.
	Index to Subjects - January-December 1976 • Volume 85, 1976 Index to SMPTE Journal, SMPTE Journal, Vol. 85, pp. I-5 to I-13, I-15.
	Index to Subjects - January-December 1977 • Volume 86, 1977 Index to SMPTE Journal, SMPTE Journal, Vol. 86, pp. I-5 to I-14.
	Index to Subjects - January-December 1979 • Volume 88, 1979 Index to SMPTE Journal, SMPTE Journal, Vol. 88, pp. I-4 to I-10.
	Index to Subjects - January-December 1980 • Volume 89, 1980 Index to SMPTE Journal, SMPTE Journal, pp. I-5 to I-11.
	Index to Subjects - January-December 1985 • Volume 94, Annual Index 1985, SMPTE Journal, pp. 1351-1357.
	Index to Subjects - January-December, 1983 • Volume 92, Annual Index 1983, SMPTE Journal, pp. 1385-1391.
	Index to Subjects - January-December, 1984 • Volume 93, Annual Index 1984, SMPTE Journal, pp. 1211-1217.
	Index to Volume 87 January-December 1978, SMPTE Journal, Part II to January 1979 SMPTE Journal, pp. I-1, I-4 to I-14.
	Industrial Skills Training With The Touch Of A Finger . . . Introducing . . . Activ, Advanced Concepts in Touch-Interactive Video, advertisement, Industrial Training Corporation, 4 pages.
	Information Package For MDS Applicants, Department of Communications Radio Frequency Management Division, Oct. 1986.
	Institution of Electronic and Radio Engineers, "Programme and Registration Form, International Conference on 'Telesoftware,' Cavendish Conference Centre, London: 27th and 28th September 1984," 4 pages.
	Inter Active Video from . . . , BCD Associates, brochure, 1985.
	Interactive Data Communication Network Services, product description, Equatorial Communications Company, 3 pages.
	Interactive Football For The Home, Advertisement, U.S. Videotel, 2 pages.
	Interactive Video Served on a disc, Scotch Laser Videodisc, 3M, brochure, 8 pages.
	Interactive Videodisc In Education And Training, Seventh Annual Conference, Society For Applied Learning Technology, conference agenda, Aug. 1985.
	Interactive Videodisc In Education And Training, Sixth Annual Conference, Society For Applied Learning Technology, conference agenda, Aug. 1984, 2 pages.
	International Telecommunications Union, "Recommendations and Reports of the CCIR, 1982," XVth Plenary Assembly Geneva, 1982, 393 pages.
	Introducing DowAlert, brochure, 1982, 8 pages.
	Introducing RSVP: The latest breakthrough for cable!, advertisement, ARBITRON, 1 page.
	Introducing SPOT DATA, "Cable Ad Sales Just Got Better," advertisement, TV Data Technologies, 4 pages.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	IRIS 1000/1200, High Performance Geometry Terminals, Silicon Graphics, Inc., product specification, 2 pages.
	IRIS 1400, High Performance Geometry Computer, Silicon Graphics, Inc., product specification, 2 pages.
	IRIS 1500, High Performance Geometry Computer, Silicon Graphics, Inc., product specification, 2 pages.
	IRIS Graphics Library, Programming Support for IRIS Systems, Silicon Graphics, Inc., product specification, 1 page.
	jasmin Process Control Systems, advertisement, Jasmin Electronics Limited, 4 pages.
	jasmin Teletext Systems, advertisement, Jasmin Electronics Limited, 4 pages.
	jasmin, company brochure, Jasmin Electronics Limited, 4 pages.
	John Hedger, Oracle ((TCA), U.K. (1980)
	Johnson, G.A., et al., "The Networking of ORACLE," Developments in Teletext, Independent Broadcasting Authority, 5/1983, pp. 27-36.
	Joint EIA/CVCC Recommended Practice for Teletext: North American Basic Teletext Specification (NABTS), IS-14, CVCC-TS100, 3/1984, pp. 76+.
	Jones, Stacy V., "Patents/Monitoring Display of TV Ads," The New York Times, Oct. 19, 1985, p. 34.
	Jubert, Jay (Wang Laboratories, Inc.), "Wangnet, A Cable-Based Localnet," CABLE '82, pp. 79-81.
	Kalowski, Nathan, "Player, Monitor, Interface," reprinted from Jan. 1985 issue of Data Training, 4 pages.
	Kane, Sharyn et al., "Technology in the First Person," reprint from Delta Air Lines' SKY magazine, 4 pages.
	Kanner, Bernice, "Now, People Meters," New York, 3 pages, May 19, 1986.
	Kary, Michael Loran, "Video-Assisted Film Editing System," SMPTE Journal, June 1982, pp. 547-551.
	KBTv Kodak Business TeleVision, Kodak, brochure, Sep. 1987.
	Killion, Bill, "Advertising," SAT Guide, July 1982.
	Killion, Bill, "Automatic Commercial Insertion Equipment For The Unattended Insertion Of Local Advertising," paper presented at 33rd Annual National Cable Television Association Convention, June 1984.
	Kindel, Stephen, "Pictures at an exhibition," Forbes, Aug. 1, 1983, pp. 137-139.
	Kinghorn, J.R., "New Features in World System Teletext," IEEE Transactions on Consumer Electronics, 8/1984, Vol. CE-30, No. 3, pp. 437-440.
	Kinghorn, J.R., "Receiving Telesoftware with CCT," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 9-14.
	Kinghorn, J.R., et al., "Packet and Page Format Data Reception Using a Multistandard Acquisition Circuit," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 133-140.
	Klare, Stephen W. (Scientific - Atlanta), "Bandwidth-Efficient, High-Speed Modems for Cable Systems," CABLE '82, pp. 72-78.
	Kneale, Dennis, "Merrill Lynch Plans Stock-Quote Service Linked to I.B.M.'s PC," The Wall Street Journal, Mar. 21, 1984, 1 page.
	Kneale, Dennis, "Stations That Show Only Ads Attract a Lot of TV Watchers," The Wall Street Journal, Sep. 23, 1982, 1 page.
	Kneale, Dennis, et al., "Merrill Lynch and IBM Unveil Venture To Deliver Stock-Quote Data to IBM PCs," The Wall Street Journal, March 22, 1984, p. 8.
	Kruesi, William R., et al., "Residential Control Considerations," IEEE Transactions on Consumer Electronics, 11/1982, Vol. CE-28 No. 4, pp. 563-570.
	Kubota, Yasuo, "The VIDEOMELTER," SMPTE Journal, Vol. 87, November 1978, pp. 753-754.
	Kuca, Jay, et al., "A Fifth-Generation Routing Switcher Control System," SMPTE Journal, May 1985, pp. 566-571.
	Lafayette, Jon, "TV ad monitor system starts tests here Mon.," New York Post, Oct. 18, 1985, p. 63.
	Lambourne, A.D., "NEWFOR ? An Advanced Subtitle Preparation System," Developments in Teletext, Independent Broadcasting Authority, 5/1983, pp. 57-63.
	Landro, Laura, "CBS, AT&T May Start Videotex Business In '83 if 7-Month Home Test Is Successful," The Wall Street Journal, Sep. 28, 1982, p. 8.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Landro, Laura, "Satellite Company Signs Merrill Lynch For Its Video Service," The Wall Street Journal, 1 page.
	Langley, Don et al. (University of Cincinnati and Rice-Richter Associates), "Interactive Split Screen Teleconferencing," CABLE '82, pp. 47-50.
	LASERDATA Announces Trio Encoder at the SALT Show, News release, Aug. 21, 1985, 3 pages.
	LASERDATA Still Frame Audio Premastering Guide, advertisement, 3 pages.
	LASERDATA Trio Encoder Product Description, product description, 4 pages.
	LASERDATA, price list, Aug. 1, 1985, 4 pages.
	LD-V6000, Industrial Laserdisc Player, A Technical Perspective, Pioneer Video, Inc., May 1984.
	Lieberman, David, "The Networks' Big Headache," Business Week, pp. 26-28, July 6, 1987.
	Listeners, Closed Circuit, Broadcasting, 1 page.
	Local Program Playback System Featuring the Channelmatic VCR-3005A-5 Videocassette Sequencer, Channelmatic, Inc., product description, 1 page.
	Long, Michael, E., "The VCR Interface," 1986 NCTA Technical Papers, 1986, pp. 197-202.
	Lopinto, John, "The Application of DRCS within the North American Broadcast Teletext Specification", IEEE Transactions on Consumer Electronics (1982), pp. 612-617
	LSM General Characteristics, June 1982, 11 pages.
	Lukaart, A., "Dutch Telesoftware Standard," Netherlands PTT, 9/1984, 24 pages.
	Management With The Nielsen Retail Index System, A.C. Nielsen Company, 1980.
	Mapp, L., et al., Telesoftware & Education Project - Final Report, BBC/ITV and Brighton Polytechnic, July 1982, pp. 1-111.
	Martin, James, Viewdata and the Information Society, Prentice Hall, 1982, pp. 293+.
	Martin, Vivian B., "Companies use TV talk shows to inform workers," The Hartford Journal, Business Weekly, 1 page.
	Mason, A., "The Principles of the Over-Air Addressed Pay-Per-View Encryption System for Direct Broadcasting by Satellite and for Teletext," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 77-85.
	Maurer, H., et al., "Teleprograms - The Right Approach to Videotex . . . If You Do It Right," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 75-76.
	Mayer, Martin, "Here comes Ku-band," Forbes, May 21, 1984, pp. 65-72.
	McCroskey, Donald C., "Television," SMPTE Journal, April 1985, pp. 382-395.
	McIntyre, Colin, "Broadcast teletext - who says it isn't interactive?" pp. 1-12 in: Anon. Videotex-key to the information revolution (Online Publications Ltd., 1982).
	McKenzie, G.A., "Teletext - The First Ten Years," Developments in Teletext, Independent Broadcasting Authority, 5/1983, pp. 4-10.
	McNamara, R.P. et al. (Sytek, Incorporated), "MetroNet: An Overview of a CATV Regional Data Network," CABLE '82, pp. 22-31.
	Measuring The Cable Audience, Ogilvy & Mather, Advertising, 1980, pp. H1-H8.
	Mediastar, "the message is clear," brochure, Multi-Image Systems, 6 pages.
	Memo from W. Thomas to G. Kelly on 1/21/82 Re: Modified ZTAC/Multi Channel
	Memo to Bernie Kotten about National Cable TV Association meeting and efforts to encourage Sony to integrate teletext chip sets into its TV, March 25, 1986
	Merrell, Richard G., "TAC-TIMER," 1986 NCTA Technical Papers, 1986, pp. 203-206.
	Merrill Lynch Advanced Applications Systems, Advanced Automation Systems Department, system description, publication date unknown.
	Merrill Lynch and IBM Form Joint Venture To Market Financial Data Systems and Services, News Release, Mar. 1984, 2 pages.
	Merrill Lynch bullish on new data service, Electronic Media, February 28, 1985, p. 4.
	Merrill Lynch Joins I.B.M. in Venture, The New York Times, Mar. 22, 1984, 1 page.
	Merrill Lynch Plans Stock-Quote Service Linked to IBM's PC, The Wall Street Journal, March 21, 1984, p. 60.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Merrill Lynch sinks \$4M into FNN's Data Cast service, Cable Vision, March 11, 1985, p. 23.
	Merritt, Christopher R.B., M.D., "Doppler blood flow imaging: integrating flow with tissue data," Diagnostic Imaging, November 1986, pp. 146-155.
	Meserve, Everett T. (BILL), "The Future of Rabbits," DATAMATION, Jan. 1982, pp. 130-136.
	Meserve, Everett T., "A History of Rabbits," DATAMATION, pp. 188-192.
	Mesiya, M.F. et al. (Times Fiber Communications, Inc.), "Mini-Hub Addressable Distribution System for Hi-Rise Application," CABLE '82, pp. 37-42.
	Micro Key System, Video Associates Labs, product description.
	Middleton, Teresa, "The Education Utility," American Educator, Winter 1986, pp. 18-25.
	Minister for Communications Guidelines for Provision of Video and Audio Entertainment and Information Services, Oct. 13, 1986.
	Model 60 Graphics Overlay and Disc or Tape Controller, IEV Corporation, product description, 1 page.
	Money, "CEEFAQ/ORACLE: reception techniques (part 1)" Television, July 1975, Vol 25, No. 9, pages 398-398
	Morii, Yutaka, et al., "A New Master Control System for NHK's Local Stations," SMPTE Journal, May 1985, pp. 559-564.
	Most Valuable Peripheral, product description, Allen Communication, 2 pages.
	Mothersole, P.L., "Equipment for Network Distribution," Developments in Teletext, Independent Broadcasting Authority, 5/1983, pp. 37 - 42.
	Murata, M., et al., "A Proposal for Standardization of Home Bus System for Home Automation," IEEE Transactions on Consumer Electronics, 11/83, Vol. CE-29, No. 4, pp. 524-529.
	Museum Image Series, product information, ONLINE Products Corporation, 2 pages.
	New Horizons In Interactive Video, Puffin product advertisement, IEV Corporation, 2 pages.
	New In Teleconferencing Resources, advertisement, Parker Associates, 4 pages.
	New Publications for 1987 from The Videodisc Monitor, advertisement, 2 pages.
	New York Stock Exchange, Inc., Market Data Services, Schedule of Monthly Charges, Jan. 1, 1982, 1 page.
	News Release, Industrial Training Corporation, Merger of IIAT with and into ITC, Jun. 11, 1985, 1 page.
	Nishimoto, Naomichi et al. "VHS VCR with Index and Address Search Systems," Consumer Electronics, Vol. CE-33, No. 3 August 1987, pp. 220-225.
	No Digisonics friends show in comments, Broadcasting, May 24, 1971, p. 62.
	Nocera, Joseph, "Death of a Computer," Texas Monthly, April 1984.
	Noirel, Yves (CCETT/Rennes, France), "Abstract of paper entitled Data Broadcasting: "DIDON" and "DIODE" Protocols," CABLE '82, pp. 175-179.
	Now The Future Is Clear, Visage Visual Information Systems, brochure, Visage, Inc., 4 pages.
	Now You Can Find Just The Right Image Every Time Quickly and Easily with Image Search and The IBM PC/XT, advertisement, ONLINE Computer Systems, Inc., 1 page.
	Now you can get the precise business and financial news you want . . . throughout the business day. "Dow Alert," brochure, 1982.
	NTN - The Company, NTN Communications, Inc., company description, 1 page.
	NTN Communications, Inc. Entertainment Network Program Schedule, Advertisement, NTN Communications, Inc., 2 pages.
	NTN Communications, Inc., "Trivia Countdown," and "Trivia Showdown," product descriptions, 1 page.
	NTN Programming, Advertisement, NTN Communications, Inc., 2 pages.
	Numaguchi, Y, et al., "A Teletext System for Ideographs," NHK Laboratories Note, 2/1982, serial no. 271, 14 pages.
	O'Connor, Ad Hoc Committee on Television Broadcast Ancillary Signals, Journal of the SMPTE, Vol. 82, Dec. 1973.
	ODC 610 Videodisc Recording System, product description, Optical Disc Corporation, 2 pages.
	ODC 612 Encoder/Generator, product description, Optical Disc Corporation, 2 pages.
	O'Donnell, John et al., "Videodisc Program Production Manual," SONY, 1981.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Off-the-shelf raster scan display generator creates composite video image, reprinted by Defense Systems Review and Military Communications, Jan. 1985, p. 55.
	OMEGA VISION, product description, Omega Management Group Corp., 2 pages.
	Pace, Eric, "Videotex In Years To Come," Advertising, The New York Times, Sep. 1, 1982, p. D15.
	Pace, Eric, "Videotex: Luring Advertisers," The New York Times, Oct. 14, 1982.
	Parker, Edwin B., "Satellite micro earth stations - a small investment with big returns," Data Communications, Jan. 1983, 5 pages.
	PBS Project With Merrill, newsarticle, April 4, 1983.
	PC Ideas International Corp., product catalog, 7 pages, 1985.
	PC TRIO, LASERDATA, product description, 2 pages.
	PC-GraphOver, Interactive Video With Graphics Overlays, New Media Graphics, product description, 1985, 4 pages.
	PC-VideoGraph, Hi-Res PC Graphics For Videotaping or Display, New Media Graphics, product description, 1985, 4 pages.
	People Meters, The New Yorker, pp. 24-25, March 2, 1987.
	Perlez, Jane, "Teachers Act to Increase Decision-Making Power," The New York Times, July 8, 1986, 1 page.
	Personal Portfolio Button, brochure, JS&A, 1982.
	Petition for Rulemaking filed with the FCC by CBS Inc. on 7/29/1980, Page 72 of Appendix B
	PILOT plus Course Authoring Interpreter, IIAT Products, product description, 1 page.
	Pim, D.N., "Telesoftware via Full Channel Teletext," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 49-54.
	Pim, D.N., "The World System Teletext Specification," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 9/16&17/86, Publication No. 69, pp. 3-8.
	Pioneer Video, Inc., "Customer Support Publications," 2 pages.
	Pioneer Video, Inc., "LD-V1000 Laserdisc Player," product description, Feb. 1985, 2 pages.
	Pioneer Video, Inc., "LD-V4000 Industrial Laserdisc Player," product description, Feb. 1984, 2 pages.
	Pioneer Video, Inc., "LD-V4000 Laserdisc Player," products price list, Dec. 1983, 1 page.
	Pioneer Video, Inc., "LD-V6000 Industrial Laserdisc Player," product description, May 1985, 2 pages.
	Pioneer Video, Inc., "LD-V6000 Industrial Laserdisc Player," products price list, April 1984, 1 page.
	Pioneer Video, Inc., "Pioneer LD-V1000 Laserdisc Player," price list, Feb. 1984, 1 page.
	Pioneer Video, Inc., Price List, Industrial Disc Replication and Program Development Services, May 1984, 4 pages.
	PL-1A Price List, 3000 Series Equipment, Channelmatic, Inc., Feb. 1985, 2 pages.
	PL-2B 1000 Series Price List, 1.75 x 19 Inch Rack Mounting, Channelmatic, Inc., July 1985.
	PL-3A Price List Videocassette Changers, Channelmatic, Inc., Nov. 1984, 1 page.
	PL-5A Price List Typical Systems, Channelmatic, Inc., November 1984.
	Point-To-Multipoint Data Communication Network Services, product description, Equatorial Communications Company, 5 pages.
	Polishuk, Paul Dr. (Information Gatekeepers, Inc.) "Present Status of Fiber Optics Technology and its Impact on the CATV Industry," CABLE '82, pp. 142-147.
	Pollack, Andrew, "As Usual, Here Come The Japanese," The New York Times, May 20, 1984, 1 page.
	Pollack, Andrew, "Computer Programs as University Teachers," The New York Times, 4 pages.
	Pollack, Andrew, "Electronic Almanacs Are There for the Asking," The New York Times, March 18, 1984, 1 page.
	Pollack, Andrew, "Putting 25,000 Pages on a CD," New York Times, 1 page, March 4, 1987.
	Pollack, Andrew, "Teletext is Ready for Debut," The New York Times, Feb. 18, 1983, 2 pages.
	Pollack, Andrew, "Time Inc. Drops Teletext Experiment," newspaper article, 1 page.
	Pollack, Andrew, "Videodisk's Data Future," The New York Times, Oct. 7, 1982, p. D2.
	Portions of Electronic Engineer's Reference Book (1989) - Multichannel sound systems, Teletext transmission, cable television, ISDN applications, etc.



Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Pottle, Jack T. et al., "The Impact of Competitive Distribution Technologies on Cable Television," Report, prepared for The National Cable Television Association, March 1982.
	Preliminary List of Papers, SMPTE Journal, September 1980, Vol. 89, p. 677.
	Present Status Of Still Picture Television, Research & Development, Nhk.
	Pro 68 Advanced Technology 16/32 Bit Co-Processor For IBM PC, PC/XT, PC/AT and Capatibles, Hallock Systems Company, Inc., product description, 7 pages.
	Pro 68 Software Facts, Hallock Systems Company, Inc., product description, 6 pages.
	Pro CAD A Pro 68 Software Product, Hallock Systems Company, Inc., product description, 4 pages.
	Products From The VideoDisc Monitor, order form, 2 pages.
	Promotional letter, "Dow Jones Cable News," Dow Jones & Company, Inc., Jan. 1, 1982, 2 pages.
	Proposed American National Standard for component digital video recording - 19-mm type D-1 cassette - tape cassette, SMPTE Journal, March 1986, pp. 362-363.
	Proposed American National Standard, "Electrical and Mechanical Characteristics for Digital Control Interface," SMPTE Journal, September 1982, pp. 888-897.
	Proposed SMPTE Recommended Practice "Vertical Interval Time and Control Code for Video Tape for 525-Line/60-Field Television Systems," SMPTE Journal, September 1981, pp. 800-801.
	Proposed SMPTE Recommended Practice, Control Message Architecture, SMPTE Journal, September 1985, pp. 990-991.
	Proposed SMPTE Recommended Practice, Data Tracks on Low-Dispersion Magnetic Coatings on 35-mm Motion-Picture Film, SMPTE Journal, August 1985, pp. 877-878.
	Proposed SMPTE Recommended Practice, Storage of Edit Decision Lists on 8-in. Flexible Diskette Media, SMPTE Journal, March 1985, pp. 353-354.
	Proposed SMPTE Recommended Practice, Time and Control Codes for 24, 25, or 30 Frame-Per-Second Motion-Picture Systems, SMPTE Journal, August 1985, pp. 874-876.
	Proposed SMPTE Recommended Practice, TRIBUTARY INTERCONNECTION, SMPTE Journal, September 1985, pp. 992-995.
	Prospectus, Cheyenne Software, Inc., Oct. 3, 1985.
	Prospectus, Color Systems Technology, Inc., Aug. 13, 1986.
	Prospectus, DIGITEXT, Inc., Feb. 27, 1986.
	Prospectus, Financial News Network, Inc., Jul. 13, 1982.
	Prospectus, Quotron Systems, Inc., Nov. 1982.
	Prospectus, VIKONICS, Inc., Jul. 14, 1987.
	PSN Signs Fourth High Technology Customer As Amdahl Corporation Implements Business Television, PSN News, News Release, Private Satellite Network, Inc., 2 pages.
	PSN, Private Satellite Network, Inc., product information for MISTS, Mass Interactive Simultaneous Telecommunications System, 6 pages.
	Publishers Go Electronic, Business Week, Jun. 11, 1984, pp. 84-97.
	Quotron's Central Position in Statistics Service Is Facing Competition From Several Challengers, The Wall Street Journal, Feb. 2, 1984, p. 59.
	Raag, Helmo, "International Electronic Mail," NTC Record-1981, National Telecommunications Conference, 11/29/81 - 12/3/81, pp. A9.1.1 - A9.1.5.
	Raggett, Michael. "Broadcast Telesoftware," Computer Graphics World, Vol. 6, No. 9, September 1983, table of contents, pp. 49, 50, 52 and letters.
	Ratings Brawl (Is Nielsen losing its grip?) Time, p. 57, July 20, 1987.
	RATINGS WAR, Forbes, Aug. 1, 1983, 1 page.
	Rayers, D.J., "The UK Teletext Standard for Telesoftware Transmission," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 1-8.
	Rayner, Bruce, "High-Level Switcher Interface Improves Editing Techniques," SMPTE Journal, August 1985, pp. 810-813.
	Remley, F.M., "Television Technology," SMPTE Journal, May 1982, pp. 458-462.
	Report and Order of FCC on the Matter of Amendment of Parts 2,73, and 76 of the Commission's Rules to Authorize the Transmission of Teletext by TV Stations, pp. 1-37, 05-20-83

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Rice, Michael, "Toward Enhancing the Social Benefits of Electronic Publishing," Report of an Aspen Institute Planning Meeting, Communications and Society Forum Report, February 25-26, 1987.
	Rice, Michael, "Toward Improved Computer Software for Education and Entertainment in the Home," Report of an Aspen Institute Planning Meeting, Communications and Society Forum Report, June 3-4, 1987.
	Rice, Philip, et al., "Development of the First Optical Videodisc," SMPTE Journal, March 1982, pp. 277-284.
	Roberts, C., "Will Cable Television Revolutionize Campaigns?," The Register, February 21, 1982.
	Robinson, C.J., "Interactive Video Cable," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 59-66.
	Roizen, J., "New Technologies Make Headlines At Videotex '82," The International Journal of Broadcast Technology, August 1982, 3 pages.
	Rosenthal, E.M., "Keyfax: first nationally but only the beginning," Cable Age, January 31, 1982, 3 pages.
	Round Two For Home Computer Makers, Business Week, Sep. 19, 1983, pp. 93-95.
	Roussel, A.D., et al., T400 Teletext Terminal Operators Manual, Logica, October 1985.
	Sabatier, J., et al., "The D2-MAC-Packet System for All Transmission Channels," SMPTE Journal, November 1985, pp. 1173-1179.
	Saddler, Jeanne et al., "COMSAT, Citing Risks, Ends Negotiations With Prudential on Satellite - TV Venture," The Wall Street Journal, Dec. 3, 1984, p. 51.
	Sandberg-Diment, Erik, "Instruction Without Inspiration," Personal Computers, The New York Times, Sep. 6, 1983, p. C4.
	Sanger, David E., "A Computer Full of Surprises," The New York Times, May 8, 1987, 2 pages.
	Sanger, David E., "Public TV Joins Venture to Send Finance Data to Computer Users," The New York Times, February 21, 1985, pp. 1 and D8.
	Sanger, David E., "Trading Stock By Computer," Technology, The New York Times, March 29, 1984, 1 page.
	Satellite-Delivered Text Service Signs 4 Carriers, Multichannel News, Jun. 18, 1984, p. 18.
	Schrock, Clifford B. (Cable Bus Systems Corporation), "Can Noise and Ingress Coexist with Two-Way Services?," CABLE '82, pp. 205-209.
	Schubin, The First Nationwide Live Stereo Simulcast Network, SMPTE Journal, Vol. 86, Jan. 1977.
	Scotch Laser Videodisc, Master Tape Specifications, May 1984, 2 pages.
	Scotch Laser Videodisc, Price List, May 1, 1984, 2 pages.
	Scotch Laser Videodisc, Prices for Special Services, Feb. 15, 1984, 2 pages.
	Second Senior Executive Conference on Productivity Improvement, SALT, Society for Applied Learning Technology, December 4-6, 1986.
	Series 3000 Satellite Receiver Controllers, Channelmatic, Inc., product description, 2 pages.
	Serious Software Helps the Home Computer Grow Up, Business Week, Jun. 11, 1984, pp. 114-118.
	Shain, M., "Microcomputer Publishing," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 59-69.
	Sharpless, G.T., "Telesoftware: Adding Intelligence to Video," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 15-19.
	Sheets, Kenneth R., "No go. TV networks nix new high-tech rating system," U.S. News & World Report, p. 39, July 20, 1987.
	Shiraishi, Yuma, "History of Home Videotape Recorder Development," SMPTE Journal, December 1985, pp. 1257-1263.
	SHOW or TELL?, Advertising material, The Weather Star 4000, The Weather Channel, 8 pages.
	Sigel, Efrem et al. The Future of Videotext: Worldwide Prospects for Home/Office Electronic Information Services (White Plains, N.Y.: Knowledge Industry Publications, Inc., 1983), pp. 28, 119-126.
	Sillman, David, "Television Captioning for the Deaf," IEEE Transactions on Consumer Electronics, 5/1984, Vol. CE-30, No. 2, pp. 62-65.
	Skrobko, John (Scientific-Atlanta Incorporated), "Improving CATV System Reliability with Automatic Status Monitoring and Bridger Switching," CABLE '82, pp. 133-137.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	'SMART' Digital TV Sets May Replace The Boob Tube, Business Week, Sep. 26, 1983, p. 160, 2 pages.
	Smith, Charles C., "Computer Update" "Program Notes," TWA Ambassador, Sep. 1982, pp. 74-90.
	SMPTE Journal Five-Year Index 1971-1975, SMPTE Journal.
	SMPTE Journal Five-Year Index 1976-1980, SMPTE Journal.
	SMPTE Journal Five-Year Index 1981-1985, SMPTE Journal, Vol. 95, No. 1, January 1986.
	SMPTE Journal Five-Year Index 1986-1990, SMPTE Journal, Vol. 100, No. 1, January 1991.
	SMPTE Journal, April 1985, pp. 366-368, 473-478.
	SMPTE Journal, January 1983, pp. 64, 69-70, 87-90, 92-98.
	SMPTE Journal, May 1980, Vol. 89, p. 391, no title.
	SMPTE Recommended Practice, Video Record Parameters for 1-in Type C Helical-Scan Video Tape Recording, SMPTE Journal, August 1985, pp. 872-873.
	SOFTECH Microsystems, Product Order Form, Oct. 1982, 2 pages.
	Sony engineering introduces to industry the new Sony Laser VideoDisc, Sony Video Communications, product brochure, 12 pages.
	Sony Video Communications, "LDP-1000A Laser Videodisc Player," product description, 1983, 2 pages.
	Sony Video Communications, "Videodisc, Premastering and Formatting," brochure, 1982.
	SONY, "LDP-2000 Series, VideoDisc Players," brochure, 1985, 12 pages.
	SONY, "SONY View System, The Intelligent Video System," product description, 1985, 2 pages.
	SONY, SONY Video Communications, "PVM-1910/PVM-1911 19" Trinitron Color Video Monitors, product brochure, 1984, 8 pages.
	Space-Age Navigation For The Family Car, reprinted from Business Week, June 18, 1984, 2 pages.
	Speak Through The Power Of Today's Technology, QUEST, product description, Allen Communication, 4 pages.
	Special Report, Business Week, July 16, 1984, pp. 84-111.
	SPOTMATIC JR. Single VCR Commercial Insert System, Channelmatic, Inc., product description, 4 pages.
	Staff at the Mullard Application Laboratory, "Integrated Circuits for Receivers," Developments in Teletext, Independent Broadcasting Authority, 5/1983, pp. 43-56.
	Stagg, "An integrated Teletext and Viewdata Receiver" The SERT Journal Vol 11, 10/1977, pages 210-213
	Stanton, G.W., "Implementation of Teletext on Cable Television System in the United States," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 39-43.
	Stanton, Gary W. (Southern Satellite Systems), "Downloading and Addressing via Teletext," CABLE '82, pp. 161-165.
	Still Frame Audio Encoder, LASERDATA, product description, 2 pages.
	Stow, R.G., et al., "Privacy and Security in Broadcast Teletext Systems," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 87-91.
	Sunny Outlook for Landmark's John Wynne; Landmark Communications Inc., Broadcasting, Lexis-Nexis, Jul. 27, 1987.
	Sweet, A., "The Development of a Commercial Telesoftware Service," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 71-74.
	Switzer, I. (Cable America, Inc.), "Cable TV Advances and TV Receiver Compatibility Problems," CABLE '82, pp. 114-118.
	SWSD System, Stills With Sound and Data, Pioneer Video, Inc., product description, Aug. 1984, 2 pages.
	Systems of VSA-Videographic (KC026867)
	Tagliabue, John, "ITT's Key West German Unit," The New York Times, Apr. 29, 1985, p. D8.
	Tagliaferro, John, "TAG LINES," 1982, 1 page.
	Taking control of computer spending, Business Week, July 12, 1982, pp. 59-60.
	Talent pay code put off, At Deadline, Broadcasting, Nov. 9, 1970, p. 9.
	Tarrant, D.R., "Data Link Using Page-Format Teletext Transmission," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 119-125.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Taylor, John P., "Comsat bid to FCC for DBS authorization: Is direct broadcasting the wave of the future?", Television/Radio Age, Mar. 23, 1981, pp. A-22-24 and A-26 and A-28-31.
	Taylor, John P., "Comsat bid to FCC for DBS authorization: Questions of finances, 'localism,' monopoly," Television/Radio Age, May 4, 1981, pp. 42-44 and 80-81.
	Taylor, John P., "Fourteen DBS authorization applications to FCC differ greatly in both structure and operations," Television/Radio Age, Oct. 5, 1981, pp. 40-42 and 116-119.
	Taylor, Thayer C., "Laptops and the Sales Force: New Stars in the Sky," pp. 81-84.
	Technical Publications Department, Mullard Limited, "525 Line NTSC Teletext Decoder Module," Advanced Development Sample Information, 1/1983, 8 pages.
	Technical Specifications For Hardware And Software Products, Online Products Corporation, 9 pages.
	Teleprompter of Denver Channel Line Up, 2 pages.
	TELEPROOF 2, IDC Services, Inc., product description, 6 pages.
	TELEPROOF I "An Exciting New Development Of International Digisonics Corporation," product brochure, 13 pages.
	Teletext Receiver LSI Data Acquisition and Copntrol, G.O. Growther, et al., 1/1976 pp. 9/1-9/5
	Television Network Automated By Mini Computer-Controlled Channels, "Computer Design", Vol. 15, No. 11, Pages 58,59,62,66,70.
	Television Systems and Broadcast Technology, SMPTE Journal, Jan. 1985, pp. 172-175.
	Television, SMPTE Journal, May 1981, pp. 375-379.
	The Best Reason To Buy Odetics On-Air Automation Systems Today? Advertisement, Odetics Broadcast, 1 page.
	The Consultant, advertisement, CO-OPPORTUNITIES, Sales Development Information Systems, a division of Jefferson-Pilot Communications Company.
	The Dawn of a New Era in Financial News Broadcasting, advertisement, Financial News Network, 1 page.
	The Financial News Network Means Business, advertisement, The Financial News Network, 1 page.
	The institution of Electronic and Radio Engineers, Conference on Electronic Delivery of Data and Software, Pub. no. 69, 9/1986
	The IRIS Graphics System, Silicon Graphics, Inc., system description, 1983, 6 pages.
	The IRIS System, Silicon Graphics, Inc., product brochure, 1983.
	The Leader In Interactive Video, advertisement, Allen Communication, 2 pages.
	The Most Exciting Customer and Revenue Building Program Since Sports were First Shown on T.V., NTN Communications, Inc., QB1 product brochure, 1986, 4 pages.
	The NTN Entertainment Network, NTN Entertainment Network, programming information sheet, 2 pages.
	The OASYS Authoring System, advertisement, ONLINE Computer Systems, Inc., 1 page.
	The Portable PLUS for Professionals In Motion, Hewlett-Packard, advertisement, July 1985.
	The Portable PLUS Personal Computer, Hewlett-Packard, advertisement, March 1986.
	The Revolution Continues . . . , Regency Systems, Inc., company brochure, 1984, 6 pages.
	The Specification of the Parent Application of Campbell et al., filed 3/1980 (WO 81/02961 PCT)
	The TCR-119 Reader, Gray Engineering Laboratories, SMPTE Journal, May 1980, Vol. 89, p. 438, (advertisement).
	The UCSD p-SYSTEM Version IV, SOFTECH Microsystems, product description, 2 pages.
	The University of Delaware Videodisc Music Series presents Interactive Videodisc Instruction in Music, advertisement, 8 pages.
	The Videodisc Monitor, Vol. IV: Number 10, Oct. 1986.
	The Videodisc Monitor, Vol. IV: Number 12, Dec. 1986.
	The Videodisc Monitor, Volume II: Number 8, August 1984, 16 pages.
	The Weather Channel, "The Weather STAR Satellite Transponder Addressable Receiver," Operation/Installation Manual, Rev. 01.5/82.
	Thomas, L. Merle, "Television," SMPTE Journal, April 1983, pp. 407-410.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Thomas, William L. (Zenith Radio Corporation), "Full Field Tiered Addressable Teletext," CABLE '82, pp. 44-46.
	Threat to Quotron Discounted, The New York Times, 1984, 2 pages.
	Time Inc. May Drop Teletext, newspaper article, 1 page.
	Times Mirror Videotex/Infomart Joint Venture, Times Mirror, Background, Jan. 8, 1982, 3 pages.
	TMS Inc., Digital Laser Technology, product information, 1984, 16 pages.
	Tone Switching System Model TSS-3000A-1, Channelmatic, Inc., product description, 1 page.
	Tooms, Michael S. et al., "The Evolution of a Comprehensive Computer Support System for the Television Operation," SMPTE Journal, August 1983, pp. 824-833.
	Total Teleconferencing Solutions For Your Communication And Training Needs, brochure, Parker Communications Corporation, PARKER ASSOCIATES.
	Totally Integrated Interactive System - TII-PC, product description, Allen Communication, 2 pages.
	Touch Monitor/Videodisc Player Interface Card and Video Switch Box, IIAT Products, product description, 1 page.
	Touch Sensitive Monitor Interface Card for Apple II, IIAT Products, product description, 1 page.
	Touch the Future Today, advertisement, MetaMedia Systems, Inc., 1 page.
	TOUCHÉ Interactive Videodisc System, product description, IIAT, International Institute of Applied Technology, Inc., 2 pages.
	TOUCHÉ Interactive videodisc training by IIAT, advertisement, IIAT, International Institute of Applied Technology, Inc., 1 page.
	Touchpoint, A Total Eclipse of Existing Technology, product description, Allen Communication, 2 pages.
	Trachtenberg, Jeffrey A., "Anybody home out there?", Forbes, pp. 169-170, May 19, 1986.
	Training solutions for the 80's and beyond, advertisement, ONLINE Computer Systems, Inc., 2 pages.
	Training Systems, brochure, WICAT systems, Training Systems Division, 4 pages.
	TRIO 110, LASERDATA, product description, 2 pages.
	True Stereo Television, Series 1600 Warner-Amex Stereo Processors, Wegener Communications, Inc., product description, 1982, 3 pages.
	Tunmann, Ernest O. (TELE-ENGINEERING CORPORATION), "TWO-WAY CABLE TV TECHNOLOGIES," CABLE '82, pp. 7-15.
	Tydeman, John et al. Teletex and Videotex in the United States: Market Potential, Technology, Public Policy Issues, Institute for the Future (New York: McGraw-Hill Publications, 1982), pp. 4, 89-99, 122-169.
	U.S. Video presents . . . True Computer-Video Overlays, The Raster Master RM-110, product description, U.S. Video, 2 pages.
	UCSD p-SYSTEM LANGUAGES, Version IV UCSD Pascal, FORTRAN-77, BASIC and Assembler, SOFTECH Microsystems, product description, 2 pages.
	UltiTech, Inc., "The Portable Interactive Videodisc System 3," brochure, 1985.
	United Satellite Racing Competitors, newspaper article, 1 page.
	Universal Remote Control, Radio Shack, Owner's Manual, 4 pages.
	Universal Video Controller, product description, Allen Communication, 2 pages.
	UNIX, Operating System for the IRIS Geometry Computer, Silicon Graphics, Inc., product specification, 1 page.
	Unleashing IBM Could Help A Satellite Venture Blast Off, Business Week, May 28, 1984, 2 pages.
	Upgrade Packages, Visage, Inc., product description, 1 page.
	USCD p-System, Version IV.1, SOFTECH Microsystems, product description, 4 pages.
	USTV Direct Satellite to Home Television Service, General Instrument News Release, Aug. 1982.
	V: Link 1000, Visage, Inc., product description, 1984, 2 pages.
	V: Link 1910: The Single-Slot VGA Interactive Video Solution, product description, Visage, Inc., 4 pages.
	V: Link Modules, Visage, Inc., product description, 4 pages.
	V: Station 2000 System, Visage, Inc., product description, 2 pages.
	Various Commissioner statements on Authorization of Teletext Transmissions by TV Stations, BC Docket No. 81-741, 03-31-83

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Vaughan, Kimithy, "Evolution of Corporate Television Networks," Teleconference, The Business Communication Magazine, pp. 38-40.
	VCR Automation System LPS-3000A, Channelmatic, Inc., product description, March 1984, 2 pages.
	Veith, Richard H., "Teletext (Broadcast Videotex) Begins in the United States," National ONLINE Meeting Proceedings - 1982, pp. 547-551.
	Veith, Richard H., "Television's Teletext," Elsevier Science Publishing, Inc., New York, 1983, pp. 9, 12, 17, 19, 32, 46-47, 136-137, 139.
	Veith, Richard H., Television's Teletext, North-Holland, 1983, pp. 180+.
	Viacom Unit Will Tap Into Pay Networks, newspaper article, 1 page.
	Vidbits, Advertising Age, Sep. 21, 1981, p. 70.
	Video Database Management . . . When Words Are Not Enough, advertisement, U.S. Video, 2 pages.
	Video Hi-Tech Component TV, CV 1950, CV 510, CV 540, CV 520, CV 150," advertisement, Zenith Radio Corporation, 4 pages.
	Video Kitchen "Commercial Prospects For Food Data-Base Management," Prospectus for a Multiclient Study from American Information Exchange, 1982.
	Video Tape Recording Glossary, SMPTE Journal, October 1980, Vol. 89, p. 733.
	Video Visionaries, Review, September 1982, pp. 95-103.
	Videoconferencing: No Longer Just a Sideshow, Business Week, Nov. 12, 1984, pp. 116-120.
	Video-Game Boom Continues Despite Computer Price War, Technology, The Wall Street Journal, Oct. 1, 1982, p. 33.
	Video-Microcomputer Interface, product description, Allen Communication, 2 pages.
	Videotex/Teletext Presentation Level Protocol Syntax, North American PLPS, ANSI X3.110-1983, CSA T500-1983, ANSI & CSA, 12/1983, pp. 105+.
	Viewdata, First World Conference on Viewdata, Videotext and Teletext, 26 March 1980, pp. 431-445
	VISAGE Visual Information Systems, Interactive Video Products, brochure, Visage, Inc.
	Visage, Price List, Visage, Inc., Apr. 1985, 4 pages.
	Vivian, R.H., "Level 4 ? Teletext Graphics using Alpha-geometric Coding," Developments in Teletext, Independent Broadcasting Authority, 5/1983, pp. 21-26.
	von Meister, William F. (Digital Music Company), "The Home Music Store," CABLE '82, pp. 180-182.
	VPD-3001A Signal Presence Detector, Channelmatic, Inc., product description, March 1984, 1 page.
	VSA's Teletext Products, Videographic Systems of America.
	Waters, A.G., "The Use of Broadcast and Multicast Techniques on Computer Networks," IERE Conference on Electronic Delivery of Data and Software, London, 9/16&17/86 pp. 45-50.
	Waters, Harry F. et al., "Tuning In on the Viewer," Newsweek, p. 68, March 4, 1985.
	Wayne, Leslie, "Dismantling the Innovative D.R.I.," The New York Times, Dec. 16, 1984, 2 pages.
	Weiss, M., et al., "How Teletext Can Deliver More Service and Profits," The International Journal of Broadcast Technology, August 1982, 4 pages.
	Weissman, Steven B. "Teletext in transactional videotex," Electronic Publishing Review, Vol. 2, No. 4, 1982, pp. 301-304.
	White, M., "Educational Telesoftware," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 29-33.
	Will Knight-Ridder Make News With Videotex?, Media, Business Week, Aug. 8, 1983, pp. 59-60.
	Window on the World "The Home Information Revolution," Business Week, Jun. 29, 1981, pp. 74-83.
	Yamamoto, Kazuyuki, et al., "A Home Terminal System Using the Home Area Information Network, IEEE Transactions on Consumer Electronics, 11/83 Vol. CE-30, No. 4, pp. 608-616.
	Yamamoto, Toshiaki, et al., "An Experimental System of FM Data-Broadcasting," NHK Laboratories Note, 12/1983, serial no. 293, 12 pages.
	Yanagimachi, Akio, "An Experimental Second-Generation Japanese Teletext System," NHK Laboratories Note, 10/1983, serial no. 291.
	Yeates, N.J., "Monitoring and Evaluation of the Telesoftware and Primary Education Project," Telesoftware, Cavendish Conference Center, 9/27&28/84, IERE Publication No. 60, pp. 35-37.

Examiner Initial	Date, Author, Title, Pertinent Pages, Etc.
	Zaludek, Jerry P., "Videotape - Past, Present, and Future," SMPTE Journal, April 1982, pp. 356-360.
	Zenith and Taft Co. In Teletext Venture, The New York Times, p. D3.
	Zenith Radio Corporation, News Release, "Teletext: The Newest Window To The Future As Science Fiction Becomes Reality," June 23, 1983.
	Zenith, Video Hi-Tech Component TV, product brochure, Aug. 1982, 8 pages.
	Zimmerman, Frank, "Hybrid Circuit Construction for Routing Switchers," SMPTE Journal, October 1985, pp. 1015-1019.
	Zoglin, Richard, "Peering Back at the Viewer," Time, p. 84, June 30, 1986.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	